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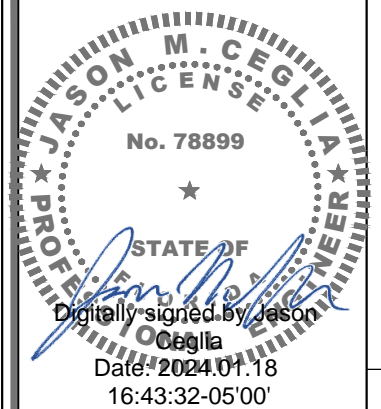
PROJECT NO: 48862207

NODE SCU: 467207

R.O.W. OF RUE NOTRE DAME

NEAR ADDRESS: 7060 RUE NOTRE DAME MIAMI BEACH, FL 33141

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHOWN SHALL BE IMPLEMENTED WITHOUT PRIOR WRITTEN APPROVAL. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD CORPORATION. NEITHER MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.



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No.	Date	Action



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Tel: 954.577.4655 Fax: 954.577.4656
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R.O.W. OF RUE NOTRE DAME
NEAR ADDRESS:
7060 RUE NOTRE DAME
MIAMI BEACH, FL 33141

Drawing Title:
COVER SHEET

Project No.: 240003200	
Designer: SB	Date: 12/22/23
Drawn By: SD	Checked By: RL
PM Review: RL	Client Approval
Issue No.: 0	Drawing No.: T-1

SITE INFORMATION	
NEAR ADDRESS:	R.O.W. OF RUE NOTRE DAME 7060 RUE NOTRE DAME MIAMI BEACH, FL 33141
POLE OWNER:	CROWN CASTLE FIBER LLC
LATITUDE:	25° 51' 17.18" N (25.854774°)
LONGITUDE:	80° 07' 58.00" W (-80.132778°)
R.O.W. JURISDICTION(S):	CITY OF MIAMI BEACH & FDOT
ELECTRICAL PERMIT:	CITY OF MIAMI BEACH
APPLICABLE BUILDING CODES AND STANDARDS	
ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT CONDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:	
1. 2023 FLORIDA BUILDING CODE 2. NATIONAL ELECTRICAL CODE (2020) 3. CITY AND/OR COUNTY ORDINANCES	
CONTACTS	
PROFESSIONALS OF RECORD:	ROBERT JERRY LARA REGISTERED ARCHITECT FL LIC. # 92824 MORRISON HERSHFIELD CORPORATION PHONE: (954) 577-4655 rlara@morrisonhershfield.com
	JASON M. CEGLIA REGISTERED PROFESSIONAL ENGINEER FL LIC. # 78899 MORRISON HERSHFIELD CORPORATION PHONE: (954) 577-4655 jceglia@morrisonhershfield.com

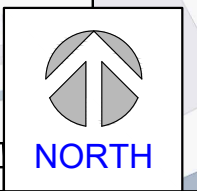
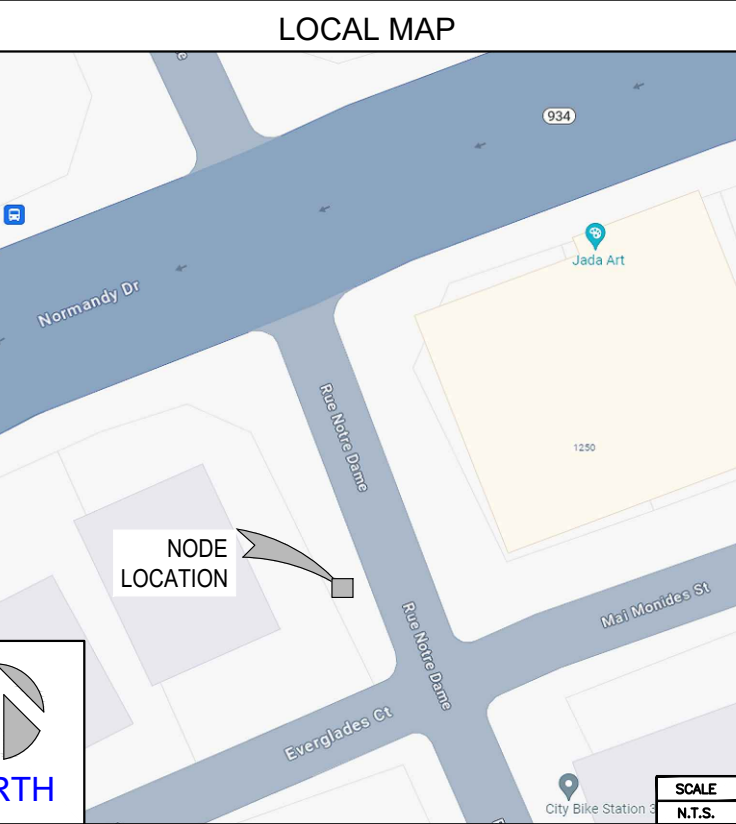
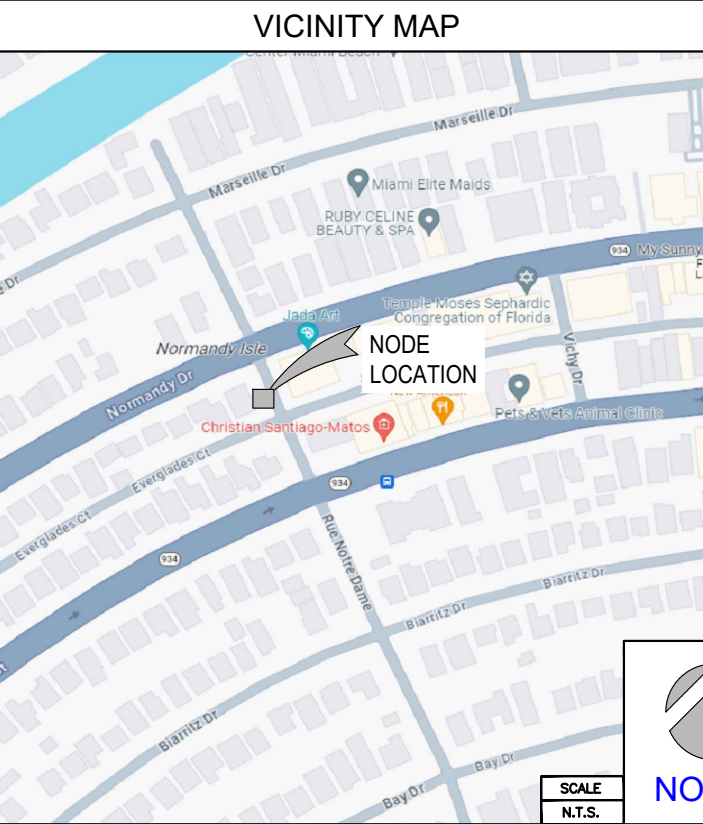
APPLICANT INFORMATION	
NAME:	CROWN CASTLE FIBER, LLC.
PROJECT MANAGER:	MATT DOYLE matt.doyle@crowncastle.com
ADDRESS:	3470 NW 82nd AVENUE 10th FLOOR, DORAL, FL 33122
PHONE:	(469) 767-5137

PROJECT DESCRIPTION

SCOPE OF WORK INCLUDES THE INSTALLATION OF THE FOLLOWING WITHIN AN EXISTING RIGHT-OF-WAY:

- PROPOSED INTEGRATED STEALTH POLE W/ ANTENNA ON TOP AND COMMUNICATION EQUIPMENT WITHIN POLE
- PROPOSED UNDERGROUND ELECTRICAL RUN
- PROPOSED UNDERGROUND FIBER RUN

INDEX OF DRAWINGS		
SHT. NO.	DESCRIPTION	REV. NO.
T-1	COVER SHEET	0
G-1	NOTES	0
G-2	NOTES	0
C-1	SITE PLAN & DETAIL	0
C-2	PROFILE VIEW	0
C-2.1	PROFILE VIEWS	0
C-3	POLE ELEVATION, ENLARGED PLAN & DETAIL	0
C-4	DETAILS	0
C-5	DETAILS	0
E-1	ELECTRICAL DETAILS	0
E-2	PANEL SCHEDULE, SINGLE LINE DIAGRAM & DETAIL	0
SP-1	SPECIFICATIONS	0
SP-2	SPECIFICATIONS	0
SP-3	SPECIFICATIONS	0



SCALE N.T.S.

SCALE N.T.S.



CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE, AND SHALL IMMEDIATELY NOTIFY THE A/E FIRM IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

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MUNICIPAL NOTES

FDOT

GENERAL NOTES

- CONDUIT INSTALLATION SHALL ADHERE TO THE LATEST FDOT STANDARD PLANS INDEX NO. 630-001.
- SOD, GRASS AND MULCH RESTORATION SHALL BE DONE ACCORDING TO LATEST FDOT STANDARD PLANS INDEX NO. 570-001(FOR CURBED ROADWAYS) AND 570-010.
- ANY ABOVEGROUND FEATURES THAT MAY BE IMPACTED BY PROPOSED WORK MUST BE IDENTIFIED TO BE ADJUSTED/RELOCATED/REPLACED. IF SIGNS ARE DAMAGED, THESE MUST BE REPLACED ACCORDING THE LATEST FDOT STANDARD PLANS INDEX NO. 700-101.
- ALL WORK UNDER THIS PROJECT WITHIN THE PUBLIC RIGHT-OF-WAYS OF MIAMI-DADE COUNTY COUNTY (MDC) SHALL COMPLY WITH THE REQUIREMENTS & SPECIFICATIONS LISTED IN THE UTILITY ACCOMMODATION & APPURTENANCES SPECIFICATIONS FOR PUBLIC RIGHTS-OF-WAYS- SECTION 370, 375, 380, 385 - A PORTION OF PART 2 OF THE MDC PUBLIC WORKS MANUAL.
- IF SURFACE CONSTRUCTION OCCURS WITHIN THE DRIP LINES OF EXISTING TREES, PROTECT TREES DURING CONSTRUCTION PER FDOT STANDARD PLANS INDEX 110-100 AND SECTION 110 OF FDOT'S STANDARD SPECIFICATIONS. DO NOT PARK VEHICLES OR STAGE CONSTRUCTION WITHIN THE DRIP LINES OF EXISTING TREES. WHERE CONSTRUCTION AFFECTS TREE ROOTS OR CANOPY, PROVIDE TRIMMING PER FDOT STANDARD SPECIFICATION 110.

HANDHOLES:

- PROPOSED HANDHOLES MUST ADHERE TO THE LATEST FDOT STANDARD PLANS INDEX NO. 635-001.
- MAINTAIN THE TEMPORARY PATCHES AROUND THE HANDHOLE BOX EDGES AND/OR ANYWHERE ELSE WHERE SIDEWALK HAS BEEN IMPACTED/DAMAGED BY THE DIRECTIONAL BORE WORK OR UTILITY INSTALLATION, SO IT PROVIDES A SMOOTH ALL WEATHER SURFACES ALWAYS. ONCE HANDHOLE IS INSTALLED THE LID MUST BE KEPT IN PLACE, BOLTED, AND SECURED.
- PROPOSED HANDHOLES AND PULL BOXES SHALL NOT BE INSTALLED WITHIN THE FOOTPRINT OF EXISTING PEDESTRIAN ADA CURB NOR DRIVEWAY ENTRY AREA. IF HANDHOLES IS PROPOSED IN PEDESTRIAN CURB RAMP AREA, HANDHOLE SHOULD HAVE A NON-SLIP TOP SURFACE PER PPM, VOL 2, CH 8.3.2. REGARDING NONSLIP TOP SURFACE IF THE HAND HOLE IS PROPOSED WITHIN PEDESTRIAN CURB RAMP. DO NOT INSTALL NEW HH AT LEAST 10' FROM ADA CURB RAMPS, FIRE HYDRANTS, BUS BOOTH-BENCHES.
- ALL UTILITY HANDHOLES, MANHOLES AND PULL BOXES IN PUBLIC RIGHT-OF-WAYS SHALL BE ABLE TO RESIST HS-20 LOADING. NO HANDHOLES OR PULL BOXES SHALL BE LOCATED IN ROADWAY SURFACES. COVER SHALL BE MADE OF ANTI-CORROSIVE MATERIAL.
- HANDHOLES MUST NOT BE LOCATED WITHIN DRIVEWAY FLARES.
- PER FDOT FDM CHAPTER 222.2.2, HANDHOLES, PULL BOXES (AND OTHER UTILITY COVERS), AND OTHER TYPES OF EXISTING SURFACE FEATURES PROPOSED IN THE LOCATION OF A CURB RAMP OR DETECTABLE WARNING SHOULD BE RELOCATED. WHEN RELOCATION IS NOT FEASIBLE, ADJUST THE FEATURE TO MEET THE ADA REQUIREMENTS FOR SURFACES (INCLUDING THE PROVISION OF A NONSLIP TOP SURFACE, AND ADJUSTMENT TO BE FLUSH WITH AND AT THE SAME SLOPE AS THE ADJACENT SURFACE)
- PULL BOXES SHOULD BE INSTALLED WITH AT LEAST 1 FOOT ALLOWANCE FROM THE CURB OR BACK OF THE SIDEWALK AND OTHER PULL BOXES WHEREVER POSSIBLE.

SIDEWALK, RAMPS & DRIVEWAY

- IMPACTED PEDESTRIAN RAMPS AND DRIVEWAYS SHALL BE REPLACED COMPLETELY. MAKE SURE TO FURNISH APPROPRIATE EXPANSION JOINTS PER FDOT 2021-2022 STANDARD PLANS INDEX 522-002.
- RECONSTRUCT IMPACTED DRIVEWAYS. ENSURE THE NEW SLABS ARE FLUSH WITH EXISTING SLABS. REFER TO FDOT DESIGN STANDARD INDEX 522-003 FOR REPLACING DRIVEWAYS. HANDHOLES MUST NOT BE LOCATED WITHIN DRIVEWAY FLARES.
- ANY DAMAGE TO CONCRETE SIDEWALK, CURB AND GUTTER, PEDESTRIAN CURB RAMPS SHOULD BE RESTORED PER FDOT 2022-2023 STANDARDS PLANS INDEX NO. 522-001, 520-001, 522-002 AND FDOT STANDARD SPECIFICATION 522.
- DAMAGED SIDEWALK AND/OR CURB AND GUTTER SHALL BE RESTORED AT THE PERMITTEES EXPENSE WITH FULL FLAGS 4" THICK AND ADA CURB RAMPS 6" THICK, USING EXPANSION MATERIAL AND TACTILE FOR HANDICAP RAMPS. (INDEX 304, 307, 310 AND STANDARD SPEC. 522).
- IMPACTED PEDESTRIAN RAMPS SHALL BE REPLACED COMPLETELY. INCLUDE 1 FOOT OF LEVEL EMBANKMENT FOR EROSION AND ENSURE TO NOT CREATE ANY DROP OFF HAZARDS AS SHOWN ON FDM FIGURE 222.4.1. MAKE SURE TO FURNISH APPROPRIATE EXPANSION JOINTS PER FDOT 2022-2023 STANDARDS PLANS INDEX 350-001.
- IMPACTED DETECTABLE WARNING SURFACES NEED TO BE RESTORED IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX NO. 522-002 AND SPECIFICATION 527.
- THE REMOVED SIDEWALK MUST BE TEMPORARILY PATCHED WITH COLD PATCH ASPHALT COMPACTED ON THE SURFACE AND MAKE IT SMOOTH FOR SAFE CIRCULATION OF PEDESTRIANS AND ADA WHEELCHAIR USERS.

ADA

- ALWAYS MAINTAIN PEDESTRIAN ACCESS DURING CONSTRUCTION.
- ANY DAMAGE PRODUCED BY THIS PROPOSED WORK SHALL BE RESTORED BY THE PERMITTEE AT NO COST TO THE DEPARTMENT.

ADA

- THE PERMITEE MUST PROVIDE AN UNOBSTRUCTED CLEAR PATH WIDTH OF 36" TO MEET ADA, OR 32" FOR SHORT DISTANCES OF 24" OR LESS. THE PERMITEE MUST PROVIDE A MINIMUM VERTICAL CLEARANCE OF 7' OVER ALL PEDESTRIAN PATHS TO MEET ADA.
- PROPOSED POLES SHALL BE PLACED AS CLOSE TO THE ROW LINE AS POSSIBLE. PROVIDE MINIMUM UNOBSTRUCTED SIDEWALK WIDTH PER FDM FIGURE 222.2.1.1 AND ENSURE LATERAL OFFSET CRITERIA IS MET PER FDM TABLE 215.2.2.

COORDINATION

- IF PROPOSED WORK IMPACTS THE OPERATIONS/INFRASTRUCTURE OF AN EXISTING TRANSIT STOP/STATION. NOTIFY THE APPROPRIATE CITY AND COUNTY TRANSIT AGENCIES BEFORE STARTING CONSTRUCTION AND COORDINATE WITH TRANSIT FOR ANY BUS STOP RELOCATION DURING CONSTRUCTION.
- EXISTING FDOT DRAINAGE SHALL BE PROTECTED ALWAYS BY THE PERMITTEE. ANY DAMAGE TO THE FDOT DRAINAGE SYSTEM SHALL BE REPAIRED / REPLACED BY THE PERMITTEE AT NO COST TO THE DEPARTMENT.
- ENSURE EXISTING UTILITIES ARE NOT IMPACTED BY PROPOSED WORK. PERMITTEE IS RESPONSIBLE FOR DETERMINING THE ACTUAL LOCATION AND PATH OF ALL UNDERGROUND FACILITIES PRIOR TO DIRECTIONAL DRILLING WORK AND ASSUMES ALL RESPONSIBILITY FOR ANY DAMAGE DONE TO UNDERGROUND AND ABOVE GROUND UTILITIES WHICH MIGHT BE 20 FEET FROM THE BORE PATH. DIRECTIONAL BORING SHALL BE CONDUCTED ACCORDING TO LATEST SECTION 555 OF FDOT'S STANDARD SPECIFICATIONS AND 3.16.9.1 OF THE 2017 U.A.M.
 - OPEN TRENCH SHALL BE CARRIED OUT PER 3.16.4. OF U.A.M.
 - DIRECTIONAL BORING SHALL BE CARRIED OUT PER 3.26.9 OF THE U.A.M.
- PERMITTEE SHALL ASSURE THAT ANY ACTIONS CARRIED OUT ARE IN ACCORDANCE WITH ALL ENVIRONMENTAL REGULATORY REQUIREMENTS.

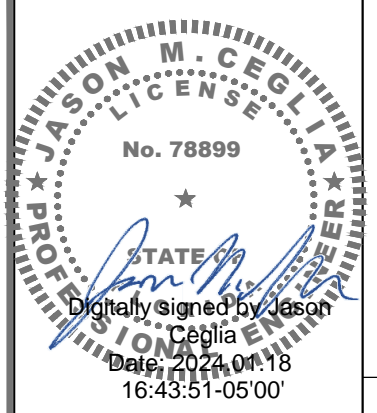
ROADWAY DESIGN / MOT:

- IMPACTED PEDESTRIAN RAMPS SHALL BE REPLACED COMPLETELY. IF THERE ARE ON-STREET PARKING LOTS ALONG THE PROPOSED WORK, PLEASE COORDINATE WITH LOCAL AUTHORITY FOR ANY IMPACTS TO PARKING LOTS.
- IF PEDESTRIAN FACILITIES ARE DETOURED, BLOCKED, OR CLOSED DURING THE WORK, PLEASE ENSURE TO PROVIDE SAFE ALTERNATE ACCESSIBLE ROUTES THROUGH OR AROUND THE WORK ZONE THAT MEETS THE REQUIREMENTS OF THE ADA STANDARDS.
- APPROVAL FOR ALL LANE CLOSURE OPERATIONS IS REQUIRED. SUBMIT ROUTINE REQUESTS TO THE DEPARTMENT FOURTEEN CALENDAR DAYS IN ADVANCE OF PLANNED LANE CLOSURES OPERATIONS.
- MAINTAIN BICYCLIST ACCESS DURING CONSTRUCTION. PROVIDE BICYCLIST DETOURS IF NEEDED. REFER THE FDOT STANDARD PLANS INDEX 102-661 IN THE PLANS.
- PRIOR TO REQUESTING FINAL INSPECTION FROM FDOT, CLOSE-OUT DOCUMENTATION AND CERTIFICATION OF WORK COMPLETION MUST BE SUBMITTED TO THE DEPARTMENT REPRESENTATIVE VIA EMAIL OR UPLOADED ONTO ONE STOP PERMITTING WEBSITE. PROVIDE FDOT WITH ALL MATERIAL CERTIFICATIONS, TEST RESULTS, BORE LOGS, SIGNED, SEALED AS-BUILTS FOR APPROVED FIELD CHANGES, AND ANY APPLICABLE DOCUMENTATION RELATED TO THE COMPLETED WORK. REQUIRED. 2017 UAM 2.11.
- PERMITTEE MUST TAKE PICTURES OF THE EXISTING STREET LIGHTING SYSTEM WORKING-DURING NIGHT-TIME-WITHIN THE LIMITS OF THIS PROPOSED JOB PRIOR TO BEGIN SAID WORK. TO AVOID FUTURE DISPUTE ABOUT UNFORESEEN DAMAGES TO THE LIGHTNING SYSTEM.
- DUE TO THE TRAFFIC CONDITIONS AND THE POSITION OF THE UTILITY ON THE ROADWAY THIS WORK MUST BE DONE AT NIGHT.
- ROADWAY TRENCH RESTORATION SHALL FOLLOW UP FY 2023-24 SP INDEX 125-001. IF THE BACKFILL METHOD IS USED, EACH CUT SHALL BE PLACED AND COMPACTED PER FDOT STANDARD SPECIFICATIONS, SECTION 125-008, AND INDEX 125-001. THIS REQUIREMENT HOLDS FOR EMBANKMENT, SUBGRADE, AND BASE. A COPY OF THE DENSITY TEST REPORTS SHALL BE FURNISHED TO FDOT. (UAM 2017 6.1.4).
- THE ASPHALT AT THIS LOCATION IS LESS THAN 5 YEARS OLD, ANY DAMAGE TO PAVEMENT THAT IS LESS THAN 5 YEARS OLD WILL HAVE TO BE MILLED AND RESURFACED IN FULL LANE WIDTHS. BY 50' IN EITHER DIRECTION FROM THE DAMAGED AREA. ASPHALT WILL BE MATCHED TO THE EXISTING ASPHALT TYPE USED IN THE PREVIOUS FDOT PROJECT PAVEMENT STRUCTURE: MINIMUM ASPHALT MIX ARE SP-12.5 (4.5" THICK) & FC-9.5 (1.5" THICK TLC W/ RUBBER OR PG 76-22. AND OBG 11 (12.5 ONLY). AS PER STANDARD SPECIFICATION SECTION 300-2.3. PERMITTEE SHALL ABIDE UAM 2017 SECTION 3.17.1-4) MAINTAIN THE PERMANENT PATCHES FOR A PERIOD OF TWO (2) YEARS FROM THE DATE OF INSTALLATION.
- PERMITTEE SHALL CONTACT MR. JOAQUIN JR. RABASSA FROM MD-PW TRAFFIC SIGNAL & SIGNS DIVISION (305-592-0831/305-588-7570) AND MR. JULIO NAVARRO FROM MD-PW LIGHTNING DIVISION (305-679-0062 /305-592-3580/786-469-2063) PRIOR TO ANY SUBSURFACE ACTIVITIES AND SHALL PROTECT EXISTING TRAFFIC SIGNAL POLES AND EQUIPMENT AND /OR EXISTING STREET LIGHTING POLES, EQUIPMENT, AND CONDUIT AT ALL TIMES DURING CONSTRUCTION ACTIVITIES, ANY DAMAGES TO EXISTING EQUIPMENT SHALL BE THE SOLELY RESPONSIBILITY OF THE PERMITTEE TO REPAIR AT THEIR OWN COST AND ALL RESTORATION WORK SHALL BE COORDINATED WITH MD-PW TRAFFIC DIVISION AND LIGHTING DIVISION.

ENVIRONMENTAL NOTES:

- IF TREES ALONG THE PROJECT CORRIDOR HAVE BEEN IDENTIFIED AS POTENTIAL HABITAT FOR THE BAT. PLEASE BE AWARE THAT IF ANY TREE IMPACTS (REMOVALS, RELOCATIONS, TRIMMING, ROOT PRUNING) ARE PROPOSED AS PART OF THIS PROJECT, A SPECIES SURVEY IS WARRANTED TO DETERMINE IF ROOSTING OR FORAGING HABITAT EXISTS. COORDINATE WITH U.S. FISH AND WILDLIFE SERVICE MAY BE REQUIRED.
- ENSURE APPROPRIATE EROSION CONTROL DEVICES ARE IN PLACE BEFORE ANY CONSTRUCTION BEGINS AND ARE USED THROUGHOUT THE DURATION OF CONSTRUCTION.
- IF DEWATERING WILL BE PERFORMED, THE PERMITTEE SHALL PRODUCE A DEWATERING PLAN ADDRESSING SITES THAT ARE APPROVED BY THE APPROPRIATE ENVIRONMENTAL REGULATORY AGENCIES (AN APPROVED DERM CLASS V DEWATERING PERMIT.) DOCUMENTING THAT NO CONTAMINATION PLUME(S) WILL BE EXACERBATED BY DEWATERING OR ANY ASSOCIATED WORK.
- IN THE EVENT GROUNDWATER CONTAMINATION EXACERBATION OCCURS AS RESULT OF THE DEWATERING ACTIVITIES, THE PERMITTEE SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE REMEDIATION ACTIVITIES AS REQUIRED BY ALL APPLICABLE ENVIRONMENTAL REGULATORY AGENCIES.
- NO CONTAMINATION ISSUES ARE EXPECTED GIVEN THE SCOPE OF THE PROJECT. THE PERMITTEE SHOULD ASSURE THAT ANY ACTIONS CARRIED OUT ARE IN ACCORDANCE WITH ALL ENVIRONMENTAL REGULATORY REQUIREMENTS.
- THE DESCRIPTION OF THE COLLECTION AND PROPER DISPOSAL OF ALL SOILS AND FLUIDS COLLECTED FROM THE DIRECTIONAL BORING TERMINATION POINTS WITH PATHS IN IMMEDIATE PROXIMITY TO THE CONTAMINATED PARCELS. THESE CONTAINERIZED MATERIALS AND ANY SOIL EXCAVATED IN A ROW AREA DIRECTLY ABUTTING A CONTAMINATED SITE SHALL ALSO BE DISPOSED OF AT A CLASS 1 LANDFILL.

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Project:

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NOTES

Project No.: 240003200	
Designer: SB	Date: 12/22/23
Drawn By: SD	Checked By: RL
PM Review: RL	Client Approval
Issue No.: 0	Drawing No.: G-1

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EROSION AND SEDIMENT CONTROL GENERAL NOTES

GENERAL SEDIMENT AND EROSION CONTROL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE BEST EROSION AND SEDIMENT CONTROL PRACTICES AS OUTLINED IN THE PLANS, SPECIFICATION, APPLICABLE PERMIT(S), AND THE PREVENTION, CORRECTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION IN ACCORDANCE WITH CHAPTER 62-302, FLORIDA ADMINISTRATIVE CODE.
2. EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE PLACED WHERE THERE IS POTENTIAL FOR DOWNSTREAM WATER QUALITY DEGRADATION.
3. THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
4. THE SITE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF BMPS TO MAKE SURE THEY ARE FUNCTIONING AS DESIGNED AT ALL TIMES.
5. THE BMP STRUCTURES SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
6. CORRECTLY INSTALLED SILT FENCES WILL BE USED ALONG THE LIMITS OF CONSTRUCTION TO MINIMIZE OFFSITE SILTATION MIGRATION.
7. SOD SHALL BE PLACED IN AREAS WHICH MAY REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITY STANDARDS ARE MAINTAINED AND WHERE NO ACTIVE CONSTRUCTION IS OCCURRING.
8. THE CONTRACTOR SHALL PAY FOR ANY WATER QUALITY CONTROL VIOLATIONS FROM ANY AGENCY THAT RESULTS IN FINES BEING ASSESSED TO THE OWNER BECAUSE OF THE CONTRACTOR'S FAILURE TO ELIMINATE TURBID RUNOFF FROM LEAVING THE SITE AND RAISING BACKGROUND LEVELS OF TURBIDITY ABOVE EXISTING BACKGROUND LEVELS.
9. EXISTING FDOT DRAINAGE SHALL BE PROTECTED ALWAYS BY THE PERMITTEE. ANY DAMAGE TO THE FDOT DRAINAGE SYSTEM SHALL BE REPAIRED / REPLACED BY THE PERMITTEE AT NO COST TO THE DEPARTMENT.

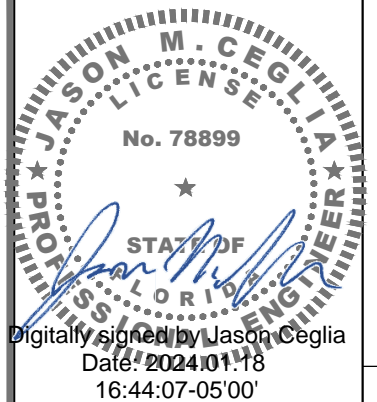
INLET PROTECTION:

10. WIRE MESH SHALL BE LAID OVER THE TOP DROP INLET SO THAT THE WIRE EXTENDS A MINIMUM OF 1 FOOT BEYOND EACH SIDE OF THE INLET STRUCTURE. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 'A' - INCH OPENING SHALL BE USED. IF MORE THAN ONE STRIP OF MESH IS NECESSARY THE STRIPS SHALL BE OVERLAPPED.
11. FDOT NO. 1 COARSE AGGREGATE SHALL BE PLACED OVER THE WIRE MESH AS INDICATED ON DETAIL. THE DEPTH OF STONE SHALL BE AT LEAST 12 INCHES OVER THE ENTIRE INLET OPENING. THE STONE SHALL EXTEND BEYOND THE INLET OPENING AT LEAST 18 INCHES ON ALL SIDES.
12. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONE MUST BE PULLED AWAY FROM THE INLET, CLEANED AND REPLACED.
13. THE FILTER BARRIER SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED AROUND THE INLET AND WIDTH OF A BALE TO A MINIMUM DEPTH OF FOUR INCHES. AFTER THE BALES ARE STACKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AND COMPACTED AGAINST THE FILTER BARRIER.
14. BALE SHALL BE EITHER WIRE-BOUND OR STRING-TIED WITH THE BINDINGS ORIENTED AROUND THE SIDES RATHER THAN OVER AND UNDER THE BALES.
15. BALES SHALL BE PLACED LENGTHWISE IN SINGLE ROW SURROUNDING THE INLET WITH THE ENDS OF ADJACENT BALES PRESSED TOGETHER.
16. EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE.
17. LOOSE STRAW SHOULD BE WEDGED BETWEEN BALES TO PREVENT WATER FROM ENTERING BETWEEN BALES.

TURBIDITY BARRIERS:

18. FLOATING TURBIDITY BARRIERS WILL BE PLACED AT ALL OUTFALL LOCATIONS CONNECTED TO THE WORK AREA DURING ACTIVE CONSTRUCTION. IF SEAGRASSES ARE PRESENT BARRIERS WILL NOT BE PLACED OVER THEM. THE FLOATING TURBIDITY BARRIERS SHALL BE INSTALLED IN A MANNER TO PREVENT MANATEE ENTANGLEMENT.
19. TURBIDITY BARRIERS TO BE MARKED WITH SITE CONTRACTOR'S COMPANY NAME USING PERMANENT MARKINGS NO SMALLER THAN 3 INCHES IN HEIGHT ON THE TOP OF THE BARRIER.

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHOWN SHALL BE IMPLEMENTED WITHOUT PRIOR WRITTEN APPROVAL. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD CORPORATION. NEITHER MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.



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No.	Date	Action



Consultant:
MORRISON HERSHFIELD
 Two South University Drive, Suite 245,
 Plantation, FL 33324
 Tel: 954.577.4655 Fax: 954.577.4656
 FL C OF A #8508
 FL ARCHITECT BUSINESS #AA26002368
 www.morrisonhershfield.com

Project:
FL6428BA
 PROJECT NO: 48862207
 NODE SCU: 467207
 R.O.W. OF RUE NOTRE DAME
 NEAR ADDRESS:
 7060 RUE NOTRE DAME
 MIAMI BEACH, FL 33141

Drawing Title:
NOTES

Project No.: 240003200	
Designer: SB	Date: 12/22/23
Drawn By: SD	Checked By: RL
PM Review: RL	Client Approval
Issue No.: 0	Drawing No.: G-2

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SCALE IS BASE ON 22" X 34" 1/4" SIZE

SYMBOL LEGEND

- ⊗ PROPOSED STEALTH METAL UTILITY POLE W/ ANTENNA ON TOP
- ▣ PROPOSED CONCRETE UTILITY POLE
- MANHOLE
- ⊕ HYDRANT
- SIGN
- OHU — OVERHEAD UTILITIES
- UGF — UNDERGROUND FIBER
- UGP — UNDERGROUND POWER
- GAS — GAS
- PWR — ABOVE GROUND POWER
- EOP — EDGE OF PAVEMENT (E.O.P.)
- ROW — RIGHT OF WAY (R.O.W.)
- — — — — PROPERTY LINE
- — — — — CENTERLINE OF ROAD
- T — TELCO CONDUIT
- FOC — FIBER OPTIC CABLE
- OHE — OVERHEAD CONDUCTORS
- FMS — FORCE MAIN SEWER
- X — FENCE
- WATER — WATER
- SW — SEWER
- ST — STORM
- ⊙ 1 — REPRESENT DETAIL #
- ⊙ C-1 — REPRESENT SHEET #

ANY DAMAGE DURING WORK SHALL BE FULLY RESTORED OR REPLACED PER THE 2022-23 FDOT INDEXES LISTED BELOW BY CONTRACTOR

INDEX	DESCRIPTION
102-660	SIDEWALK CLOSURE
102-661	BICYCLE FACILITY CLOSURES
110-100	TREE PROTECTION AND PRESERVATION
350-001	CONCRETE PAVEMENT JOINTS
520-001	CURB & GUTTER
522-001	CONC. SIDEWALK
522-020	TRAFFIC SEPARATORS
522-002	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS
522-003	CONC. FLARED DRIVEWAYS
570-001	PERMANENT EROSION CONTROL
630-001	CONDUIT INSTALLATION DETAILS
635-001	HANDHOLE & PULL BOXES
700-101	TYPICAL SECTIONS FOR PLACEMENT OF SINGLE AND MULTI-COLUMN SIGNS

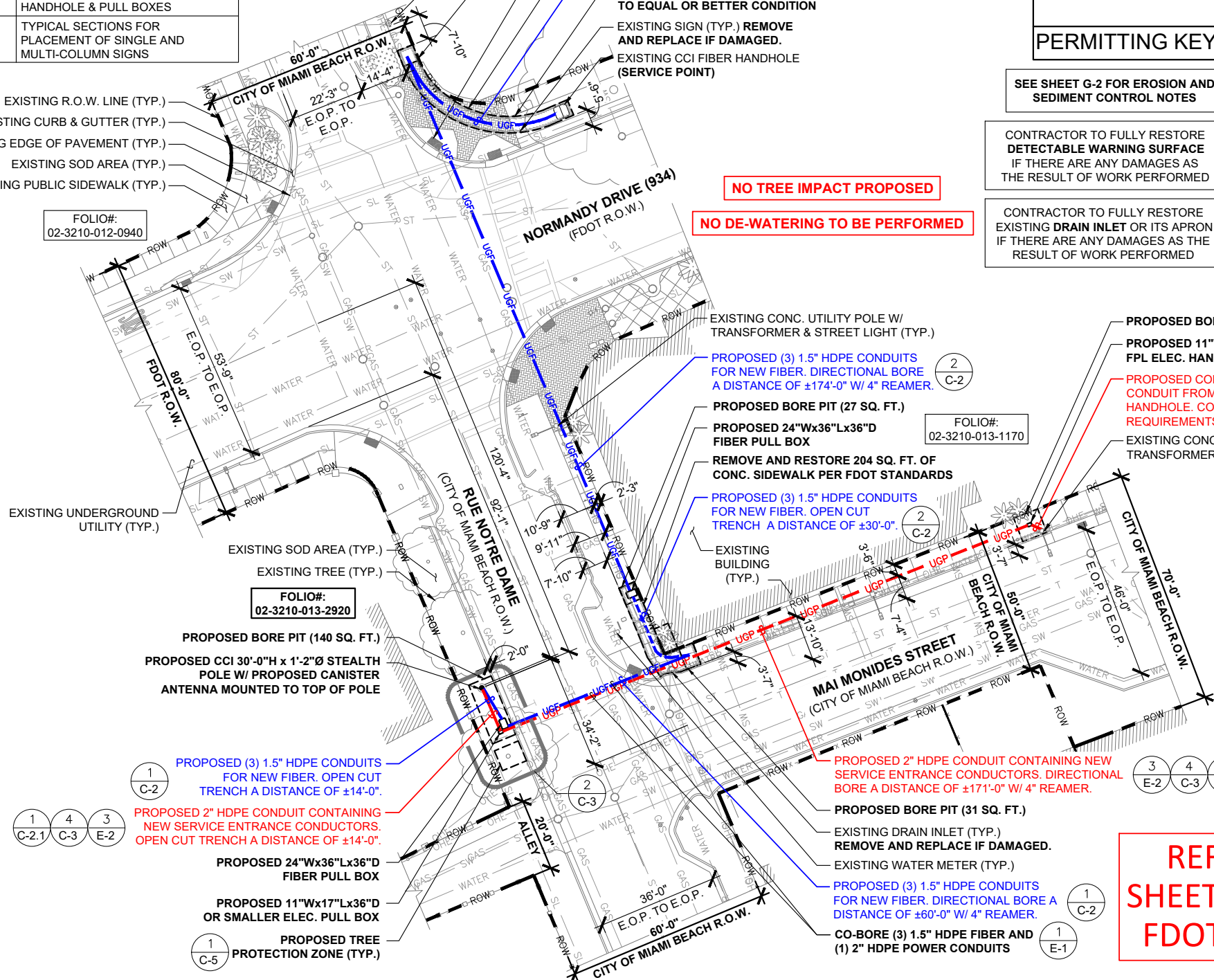
PROPOSED UNDERGROUND POWER RUN PER JURISDICTION:
 PROPOSED UGP RUN (C.O.M.B.) = ±185'-0"
 TOTAL POWER RUN = ±185'-0"

PROPOSED UNDERGROUND FIBER RUN PER JURISDICTION:
 PROPOSED UGF RUN (FDOT) = ±161'-0"
 PROPOSED UGF RUN (C.O.M.B.) = ±171'-0"
 TOTAL FIBER RUN = ±332'-0"

BORE LINEAL FEET: 405'-0"
TRENCH LINEAL FEET: 112'-0"
HH QTY INSTALL: 4

- EXISTING R.O.W. LINE (TYP.)
- EXISTING CURB & GUTTER (TYP.)
- EXISTING EDGE OF PAVEMENT (TYP.)
- EXISTING SOD AREA (TYP.)
- EXISTING PUBLIC SIDEWALK (TYP.)

FOLIO#: 02-3210-012-0940



NO TREE IMPACT PROPOSED
NO DE-WATERING TO BE PERFORMED

SEE SHEET G-2 FOR EROSION AND SEDIMENT CONTROL NOTES

CONTRACTOR TO FULLY RESTORE DETECTABLE WARNING SURFACE IF THERE ARE ANY DAMAGES AS THE RESULT OF WORK PERFORMED

CONTRACTOR TO FULLY RESTORE EXISTING DRAIN INLET OR ITS APRON IF THERE ARE ANY DAMAGES AS THE RESULT OF WORK PERFORMED

APPROVED FPL POWER ROUTE

POSTED SPEED LIMIT:
 RUE NOTRE DAME - 25 MPH
 MAI MONIDES STREET - 30 MPH
 NORMANDY DRIVE - 35 MPH

REFER TO MOT PLAN FOR TRAFFIC CONTROL

RESTORATION AS PER R21.1, R13.1 AND G2.1

PROPOSED BORE PIT (58 SQ. FT.)
 PROPOSED 11"Wx17"Lx36"D OR SMALLER FPL ELEC. HANDHOLE (SERVICE POINT)

PROPOSED CONDUCTORS BY FPL IN NEW CCI CONDUIT FROM TRANSFORMER TO PROPOSED HANDHOLE. COORDINATE WITH FPL FOR ALL REQUIREMENTS (4'-0")

REMOVE AND REPLACE A TOTAL OF 50 LF (287 SQ. FT.) OF CONC. SIDEWALK TO MATCH EXISTING AND TO EQUAL OR BETTER CONDITION

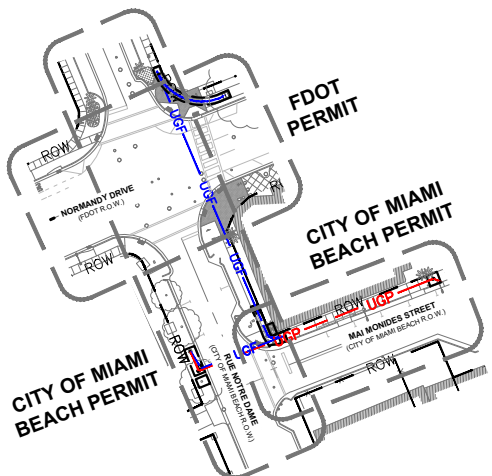
REMOVE AND REPLACE A TOTAL OF 40 LF (188 SQ. FT.) OF PAVED SIDEWALK TO MATCH EXISTING AND TO EQUAL OR BETTER CONDITION

REMOVE AND RE-SOD 233 SQ. FT. TO EQUAL OR BETTER CONDITION

NOTE: PROTECT ANY/ALL STORM DRAINAGE INLETS FROM INFILTRATION AT/OR ADJACENT TO WORK ZONES

REFER TO SHEET G-1 FOR FDOT NOTES

PERMITTING KEY PLAN



SCALE: 2 N.T.S.

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JASON M. CEGLIA
 LICENSE # 78899
 PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 Digitally signed by Jason M. Ceglia
 Date: 2024.01.18 16:44:31-05'00'

ELECTRONIC SIGNATURE NOTE:
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Tower Owner/Client:

Consultant:

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 Tel: 954.577.4655 Fax: 954.577.4656
 FL C OF A #8508
 FL ARCHITECT BUSINESS #A26002368
 www.morrisonhershfield.com

Project:
FL6428BA
 PROJECT NO: 48862207
 NODE SCU: 467207
 R.O.W. OF RUE NOTRE DAME
 NEAR ADDRESS:
 7060 RUE NOTRE DAME
 MIAMI BEACH, FL 33141

SITE PLAN & DETAIL

Project No.: 240003200	Date: 12/22/23
Designer: SB	Checked By: RL
Drawn By: SD	Client Approval
PM Review: RL	
Issue No.: 0	Drawing No.: C-1

ADA SIDEWALK RESTORATION NOTES:

- SIDEWALK RESTORATION MUST COMPLY WITH ADA GUIDELINES AND R-13.1
- EXISTING SIDEWALK IMMEDIATELY ADJACENT TO THE AFFECTED SIDEWALKS MUST BE ADA COMPLIANT, OTHERWISE NEEDS TO BE REPLACED.
- MINIMUM SIDEWALK CLEAR PEDESTRIAN ACCESS ROUTE (PAR) IS 36" WIDE.
- DAMAGED CURB AND GUTTER TO BE REPLACED FROM JOINT TO JOINT.
- IF PULL BOXES, MANHOLES, ETC. ARE PLACED IN THE SIDEWALKS, ALL LID SURFACES ON THE SIDEWALK MUST BE FLUSH AND ADA COMPLIANT.

Sunshine 811
 Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.
 check positive response codes before you dig!

SITE PLAN

SCALE: 1"=20'-0" (22x34)
 (OR) 1/2"=20'-0" (11x17)

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ENGINEER'S NOTES:

EXISTING UNDERGROUND UTILITIES: INFORMATION SHOWN ON THE DRAWINGS AS TO THEIR LOCATION AND CHARACTER HAS BEEN PREPARED FROM THE MOST RELIABLE DATA AVAILABLE TO THE ENGINEER. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED. THE CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL OF FLORIDA, INC. (1-800-432-4770) TWO (2) BUSINESS DAYS PRIOR TO ANY EXCAVATION TO DETERMINE SAID LOCATIONS AND THE LOCATIONS OF RECENT ADDITIONS TO THE SYSTEMS NOT SHOWN. EXTREME CAUTION SHALL BE EXERCISED BY THE CONTRACTOR TO ELIMINATE ANY POSSIBILITY OF DAMAGE TO UTILITIES DURING CONSTRUCTION. THE LOCATION AND CHARACTER OF ALL UTILITIES SHALL BE VERIFIED AND THE OWNER'S REPRESENTATIVE NOTIFIED OF ANY CONFLICT THAT MIGHT OCCUR.

EXISTING UNDERGROUND UTILITY MAPS RECEIVED FROM CITY INCLUDES:

- SEWER SYSTEM DATED
- STORM WATER SYSTEM
- WATER SYSTEM DATED
- STREET LIGHT SYSTEM
- GAS SYSTEM DATED

SOFT DIGGING AND VACUUM EXCAVATION TO BE USED IN THE 24" TOLERANCE ZONE TO CONFIRM ELEVATION OF EXISTING UNDERGROUND FACILITIES PRIOR TO DIRECTIONAL BORING & INSTALLATION OF PROPOSED UNDERGROUND UTILITIES.

NOTE:

ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88)

NOTE:
CONTRACTOR TO LOCATE AND VERIFY DEPTH OF EXISTING UNDERGROUND UTILITIES ADJACENT TO PROPOSED WORK BEFORE PERFORMING TRENCHING OR DIRECTIONAL BORE.

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PROFESSIONAL ENGINEER
 JASON M. CEGLIA
 LICENSE No. 78899
 STATE OF FLORIDA
 Digitally signed by Jason Ceglia
 Date: 2024.01.18
 16:44:44-05'00'

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Tower Owner/Client:

CROWN CASTLE

Consultant:

MORRISON HERSHFIELD
 Two South University Drive, Suite 245,
 Plantation, FL 33324
 Tel: 954.577.4655 Fax: 954.577.4656
 FL C OF A #8508
FL ARCHITECT BUSINESS #AA26002368
 www.morrisonhershfield.com

Project:
FL6428BA
 PROJECT NO: 48862207
 NODE SCU: 467207
 R.O.W. OF RUE NOTRE DAME
 NEAR ADDRESS:
 7060 RUE NOTRE DAME
 MIAMI BEACH, FL 33141

Drawing Title:
PROFILE VIEW

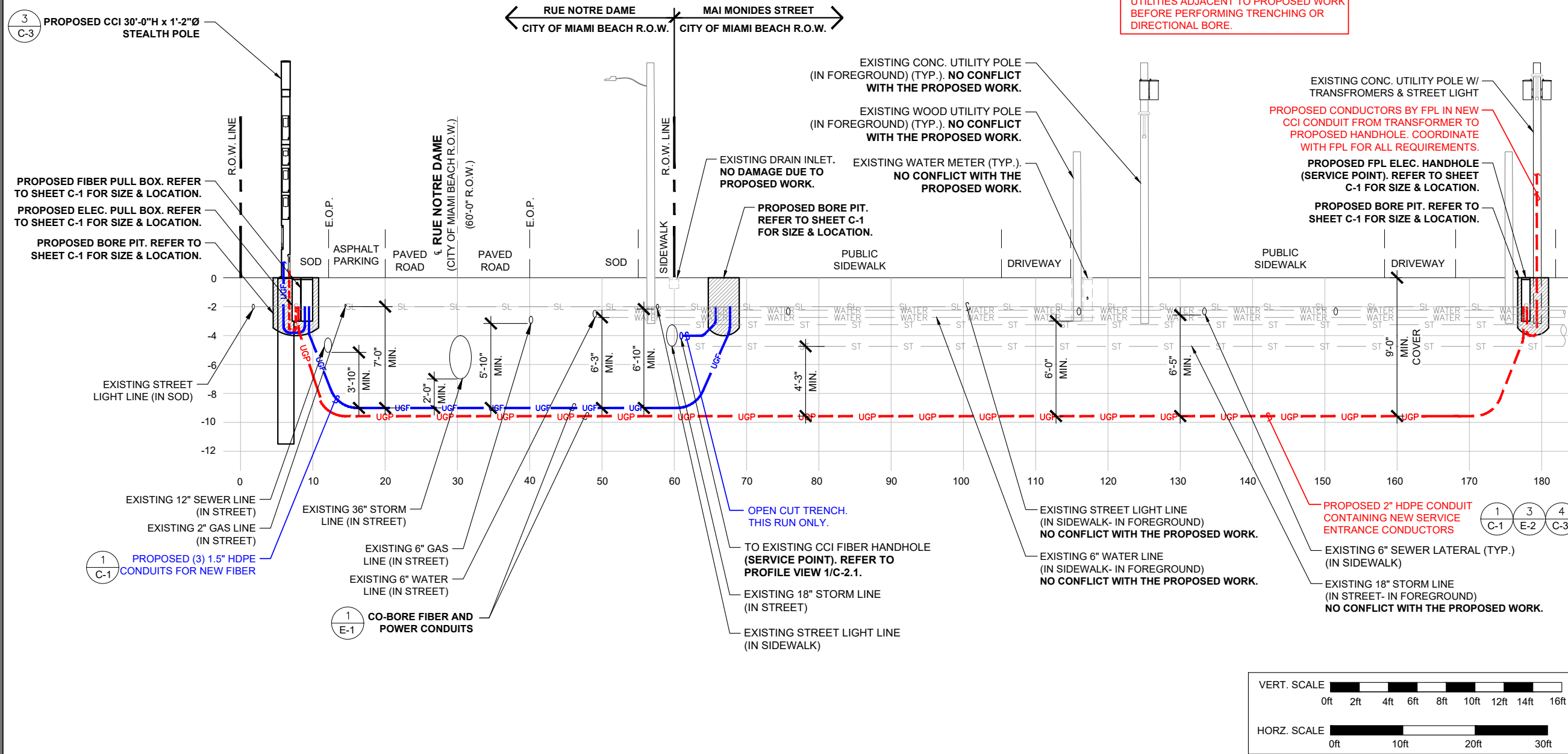
Project No.: 240003200

Designer: SB Date: 12/22/23

Drawn By: SD Checked By: RL

PM Review: RL Client Approval

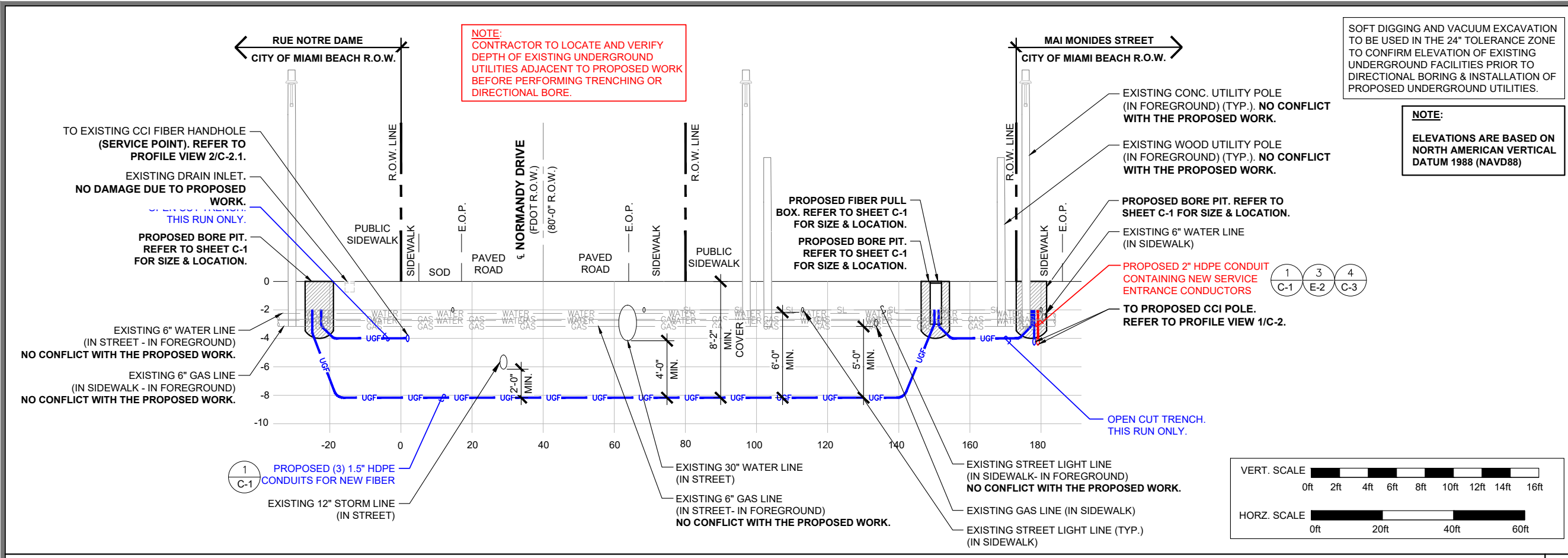
Issue No.: 0 Drawing No.: C-2



PROFILE VIEW-PARALLEL (MAI MONIDES STREET)

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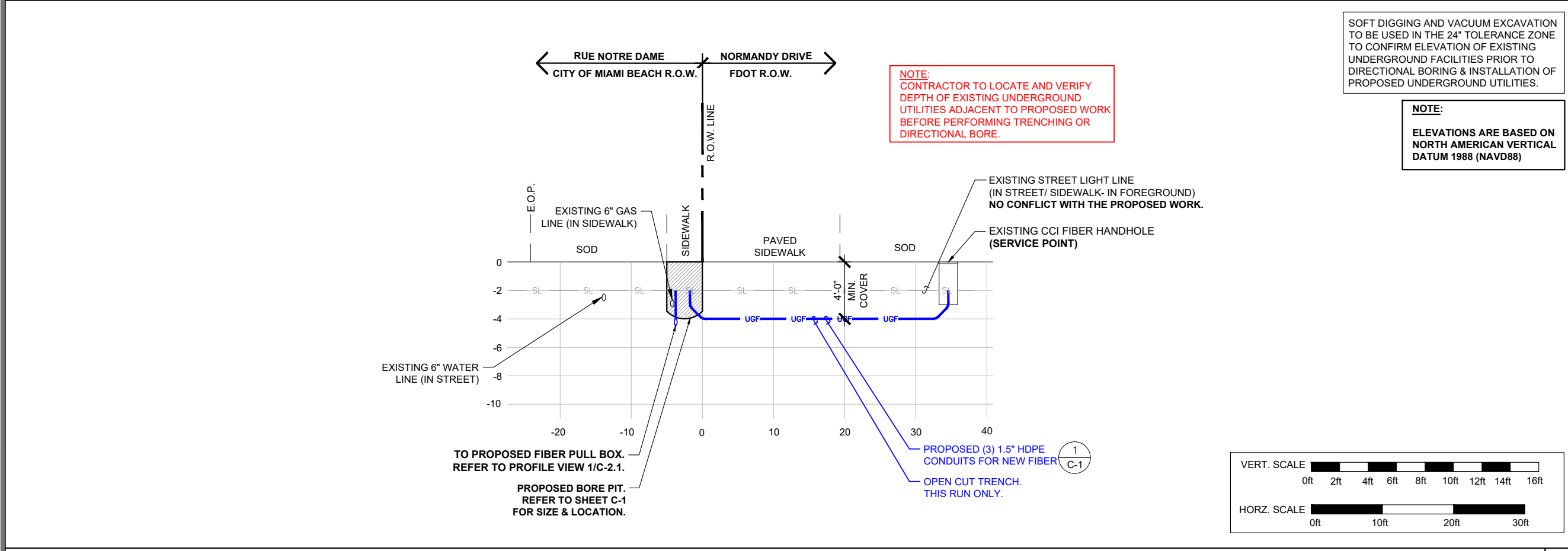
PROFILE VIEW-PARALLEL (RUE NOTRE DAME)

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JASON M. CEGLIA
LICENSE
No. 78899
STATE OF FLORIDA
PROFESSIONAL ENGINEER
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PROFILE VIEW-PARALLEL (NORMANDY DRIVE)

Tower Owner/Client:

CROWN CASTLE

Consultant:

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Two South University Drive, Suite 245,
Plantation, FL 33324
Tel: 954.577.4655 Fax: 954.577.4656
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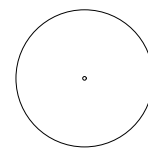
Project:

FL6428BA
PROJECT NO: 48862207
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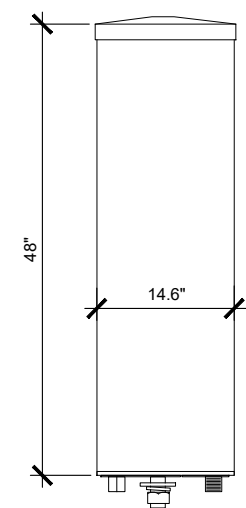
Drawing Title:

PROFILE VIEWS

Project No.: 240003200	Date: 12/22/23
Designer: SB	Checked By: RL
Drawn By: SD	Client Approval
PM Review: RL	
Issue No.: 0	Drawing No.: C-2.1



TOP VIEW



FRONT VIEW

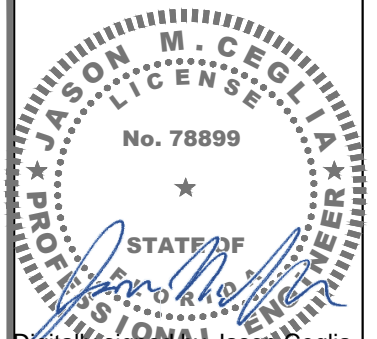
WIRELESS CANISTER ANTENNA SMALL CELL ANTENNA

MECHANICAL SPECIFICATIONS

DIMENSIONS, HEIGHT/DIAMETER	48.0/14.6 IN
ANTENNA RF CONNECTOR TYPE	7/16 DIN FEMALE
ANTENNA RF CONNECTOR TORQUE	DIN 220-265 LBF-IN
GPS CONNECTOR TYPE	MINI DIN FEMALE (4.1-9.5 PER IEC 61169-4)
GPS CONNECTOR TORQUE	MINI-DIN 88.5 LBF-IN
CONNECTOR LOCATION	BOTTOM
RANDOM MATERIAL	PVC
WIND SURVIVAL	150 MPH
FRONT WIND LOAD	106 LBF @ 150MPH
EQUIVALENT FLAT PLATE	0.91 SQ FT @ 100MPH

NOTE:
POLE ELEVATIONS SHOWN FOR
INFORMATIONAL PURPOSES ONLY.
REFER TO MANUFACTURER SHOP
DRAWINGS FOR SPECIFICATIONS
AND ASSEMBLY

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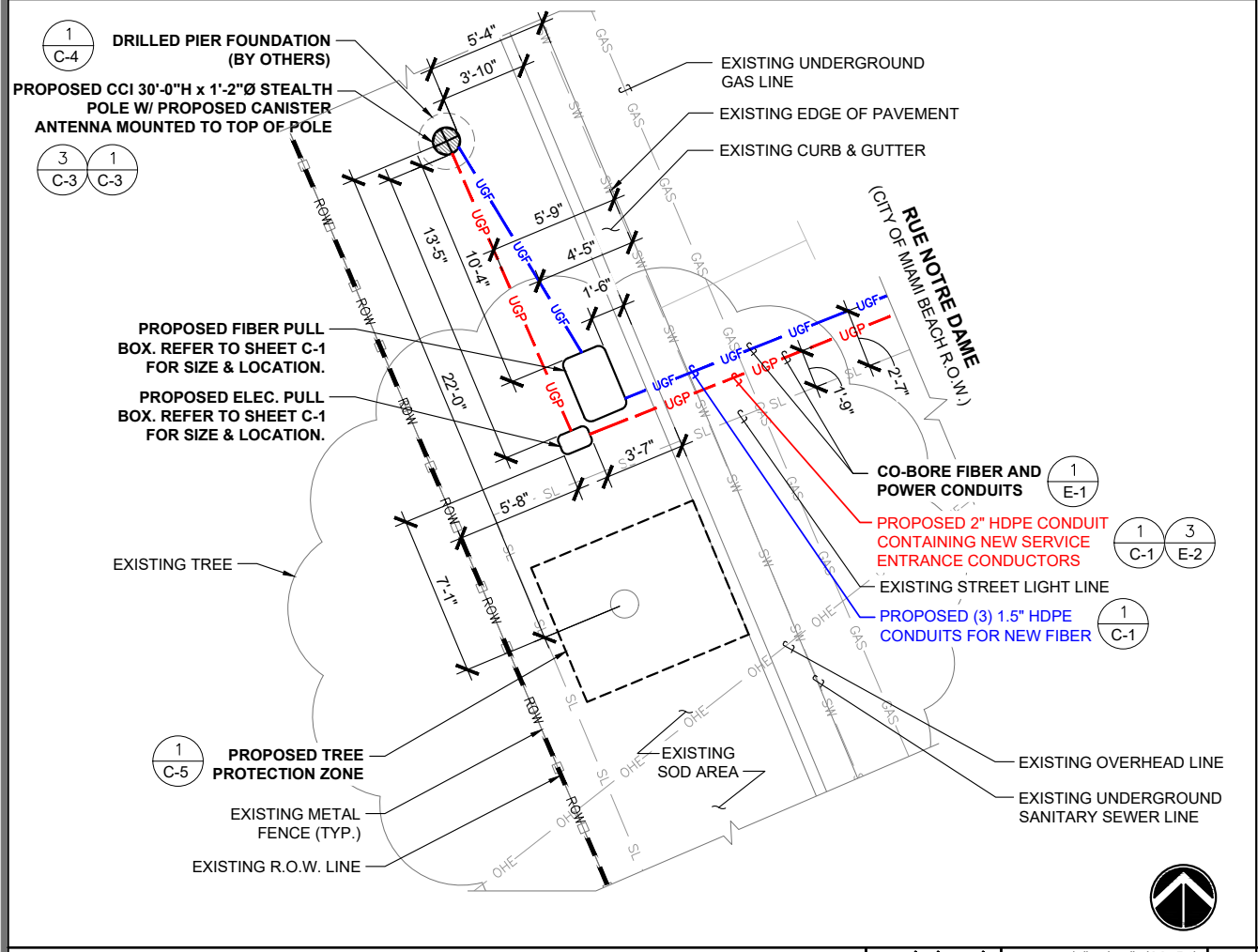
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MIAMI BEACH, FL 33141

Drawing Title: POLE ELEVATION, ENLARGED PLAN & DETAIL

Project No.: 240003200	Date: 12/22/23
Designer: SB	Checked By: RL
Drawn By: SD	Client Approval
PM Review: RL	
Issue No.: 0	Drawing No.: C-3

ANTENNA SPECIFICATIONS

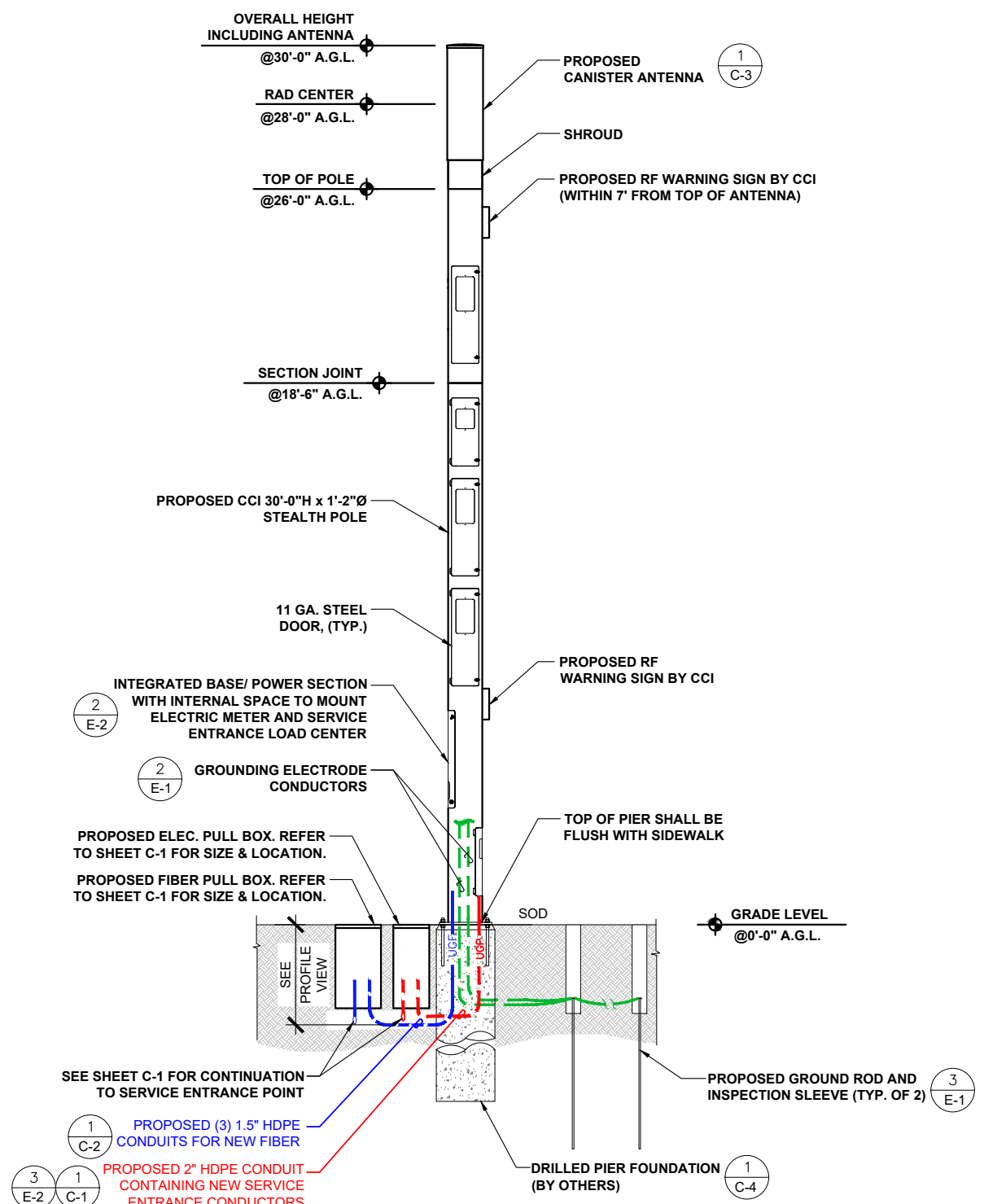
SCALE	1
N.T.S.	



ENLARGED SITE PLAN

0 2' 4' 8'	SCALE: 1/4"=1'-0" (22x34)	2
	(OR) 1/8"=1'-0" (11x17)	

POLE ELEVATION



0 1' 2' 3'	SCALE: 3/8"=1'-0" (22x34)	3
	(OR) 3/16"=1'-0" (11x17)	

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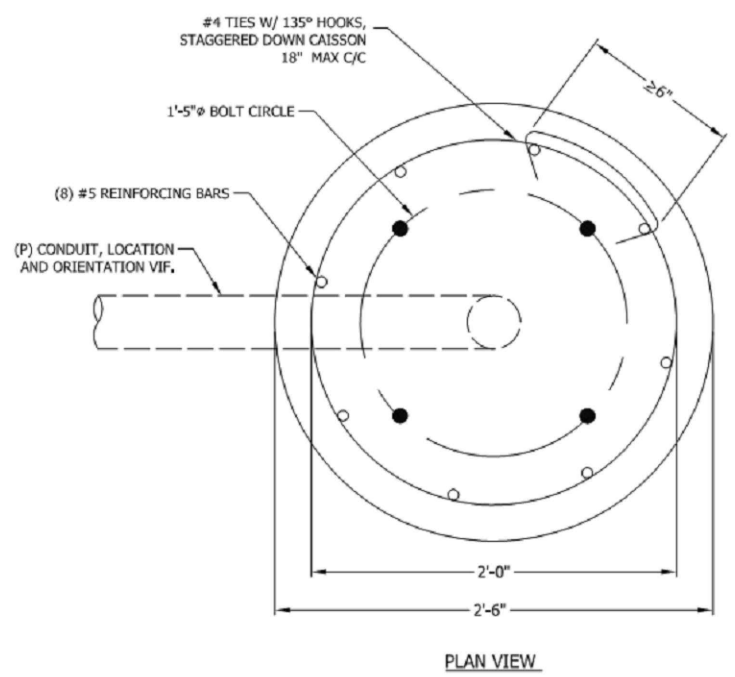
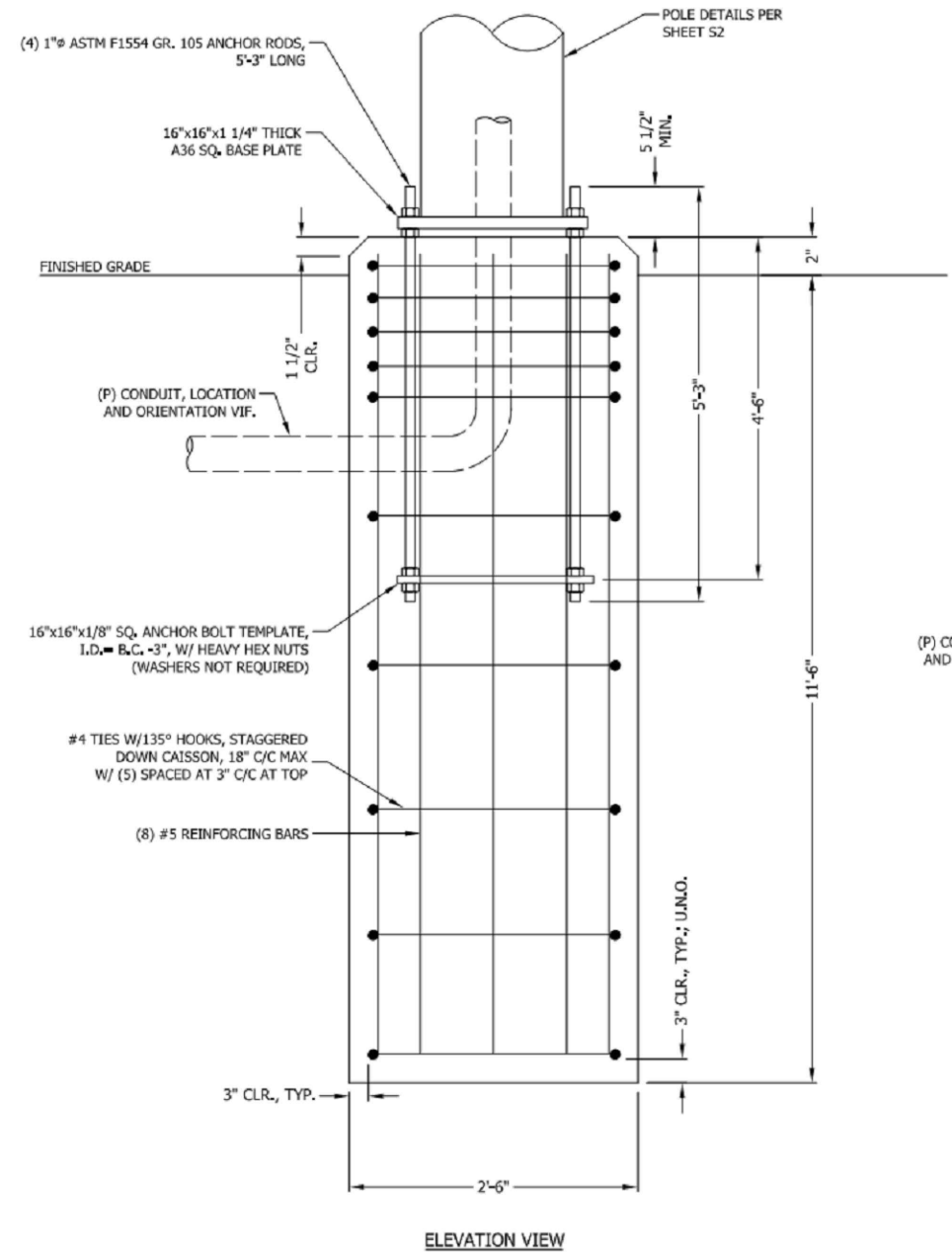
DETAILS

Project No.: 240003200	Date: 12/22/23
Designer: SB	Checked By: RL
Drawn By: SD	Client Approval
PM Review: RL	
Issue No.: 0	Drawing No.: C-4

- FOUNDATION NOTES:**
- ALL CONCRETE SHALL USE TYPE II PORTLAND CEMENT AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE SHALL BE AIR ENTRAINED (6± 1.5%) CONCRETE SHALL HAVE A MAXIMUM WATER/CEMENT RATION OF 0.50. CONCRETE SHALL HAVE A SLUMP OF 5" (±1). ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH "THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" ACI 318-14, FOUNDATION INSTALLATION SHALL BE IN ACCORDANCE WITH ACI 336, "STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF DRILLED PIERS" LATEST EDITION.
 - REINFORCING STEEL SHALL CONFORM WITH THE REQUIREMENTS OF ASTM A-615, GRADE 60. ALL REINFORCING DETAILS SHALL CONFORM TO "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" ACI 315, LATEST EDITION, UNLESS DETAILED OTHERWISE IN THIS DRAWING.
 - INSTALLATION OF DRILLED PIERS SHALL BE OBSERVED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER FIRM. GEOTECHNICAL ENGINEER SHALL PROVIDE A NOTICE OF INSPECTION FOR THE BUILDING INSPECTOR FOR REVIEW AND RECORD PURPOSES.
 - ANCHOR RODS SHALL CONFORM W/ ATSM F1554 GR. 105 GALVANIZED U.N.O.

135° HOOK TIES TO ENGAGE VERTICAL REBAR

135° HOOK TO BE 3" MINIMUM LENGTH



FOUNDATION DETAILS

CROWN CASTLE
MIAMI 14 INCH POLE II
MIAMI, FL

JOB #: CC19-01791W-05-10N3	REVISION
DRAWN: DSP	
DESIGNED: ARS	
REVISED: NB+C	
S4	C
01-03-20	

DECIMALS
X = 1/16"
XXX = 0.01"

ANGULAR
X = 0.5°

DRAWING NOT TO SCALE, UNLESS SPECIFIED OTHERWISE DIMENSIONS SHOWN ARE IN INCHES



Raycap | **STEALTH**

7555-A PALMETTO COMMERCE PARKWAY
NORTH CHARLESTON, SC 29420 USA
P: (800)-755-0669 F: (843)-207-0207
WWW.STEALTHCONCEALMENT.COM

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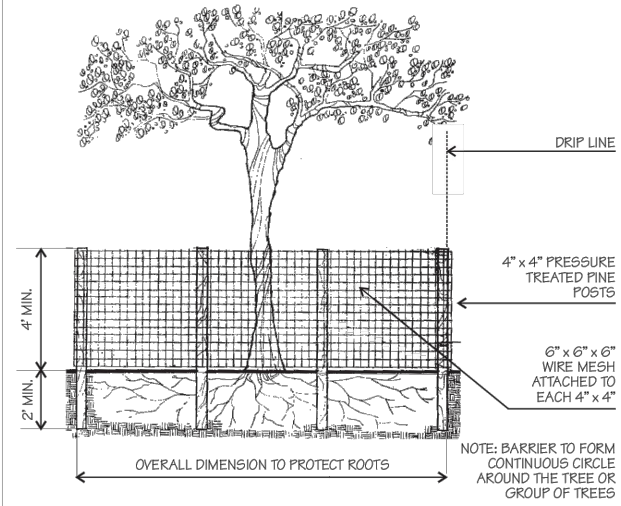
POLE FOUNDATION DESIGN (BY OTHERS)

SCALE
N.T.S. 1

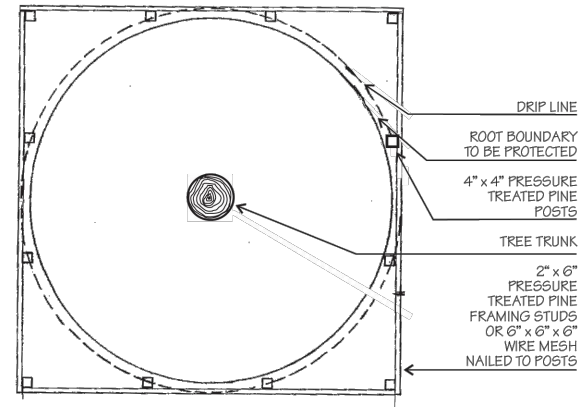
SCALE IS BASE ON 22" X 34" 1/4" SIZE

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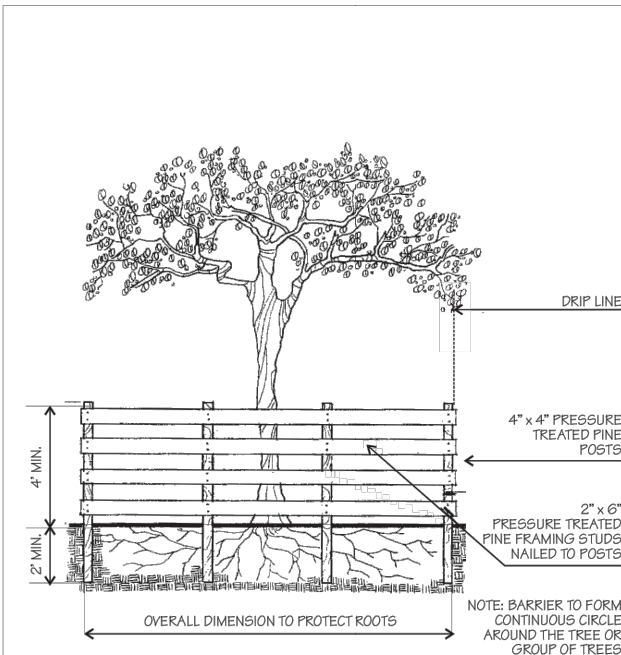
IT IS CRITICAL TO EXISTING TREE SURVIVAL TO PROVIDE PROTECTION DURING CONSTRUCTION. THIS DETAIL CAN BE USED AROUND ONE OR MORE TREES AND WILL PROVIDE PROTECTION FROM CONSTRUCTION EQUIPMENT.



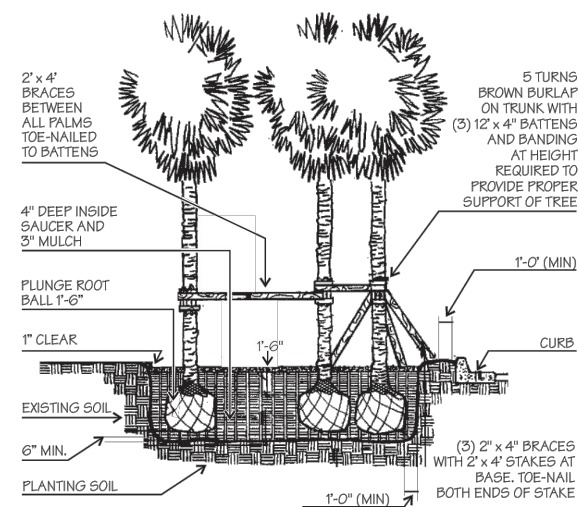
° WIRE MESH BARRIER DETAIL °



° WOOD BARRIER DETAIL PLAN °

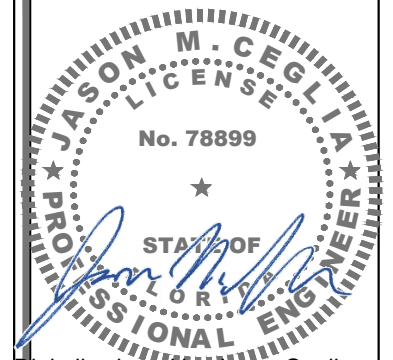


° WOOD BARRIER DETAIL °



° PALM BRACING DETAIL °

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Digitally signed by Jason Ceglia
Date: 2024.01.18 16:48:04-05'00'

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No.	Date	Action
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0	01/18/24	ISSUED FOR PERMIT
A	12/28/23	ISSUED FOR CLIENT REVIEW

Tower Owner/Client:
CROWN CASTLE

Consultant:
MORRISON HERSHFIELD
Two South University Drive, Suite 245,
Plantation, FL 33324
Tel: 954.577.4655 Fax: 954.577.4656
FL C OF A #8508
FL ARCHITECT BUSINESS #AA26002368
www.morrisonhershfield.com

Project:
FL6428BA
PROJECT NO: 48862207
NODE SCU: 467207
R.O.W. OF RUE NOTRE DAME
NEAR ADDRESS:
7060 RUE NOTRE DAME
MIAMI BEACH, FL 33141

Drawing Title:
DETAILS

Project No.: 240003200	
Designer: SB	Date: 12/22/23
Drawn By: SD	Checked By: RL
PM Review: RL	Client Approval

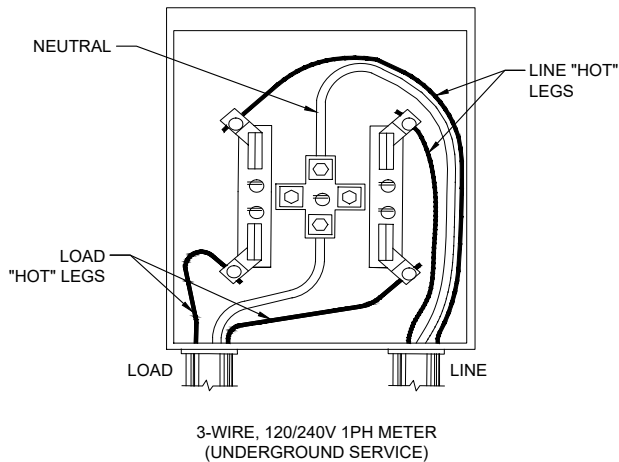
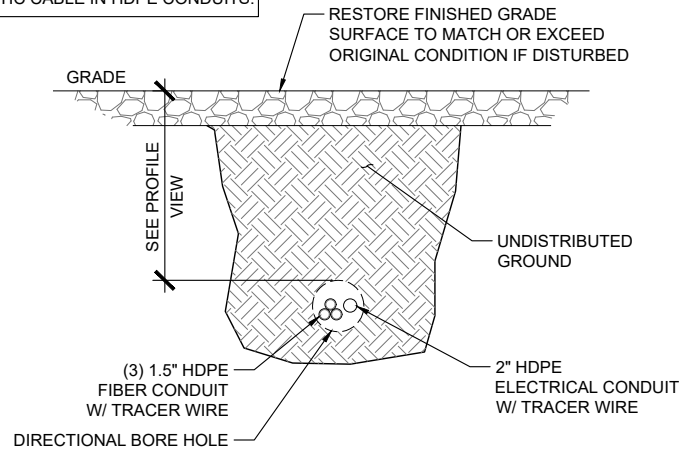
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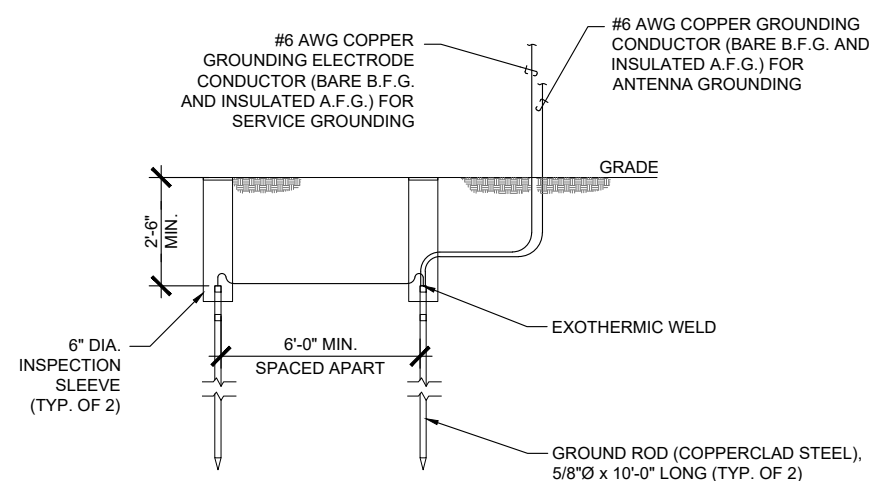
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TREE PROTECTION DETAILS

- NOTE:
- POWER & FIBER HDPE CONDUITS TO BE PULLED USING THE SAME BORE.
 - NO SEPARATION REQUIRED FOR POWER AND FIBER OPTIC CABLE IN HDPE CONDUITS.



- NOTE:
- GROUND ROD TO BE DRIVEN 10'-0" VERTICALLY



JOINT POWER & FIBER DIRECTIONAL BORE CROSS-SECTION

SCALE 1
N.T.S.

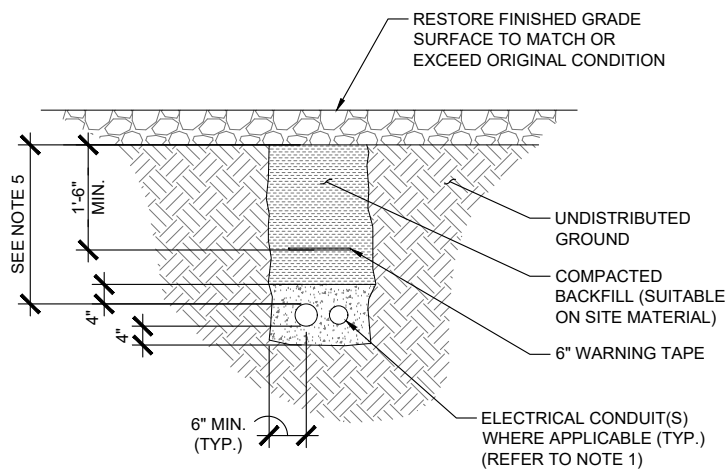
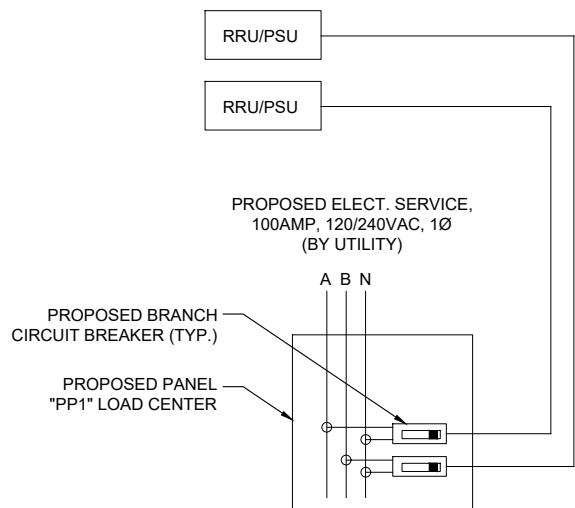
FPL 3-WIRE METER WIRING DETAIL

SCALE 2
N.T.S.

GROUND ROD DETAIL

SCALE 3
N.T.S.

- NOTES:
- ALL CONDUCTORS ARE TO BE COPPER WIRE WITH INSULATION TYPE XHHW OR EQUIVALENT OUTDOOR RATED INSULATED CABLE WITH EQUIVALENT COPPER CONDUCTORS.
 - ALL BELOW GRADE CONDUIT IS TO BE HDPE.



- NOTES:
- REFER TO SHEET CONDUCTOR AND CONDUIT TABLE FOR CONDUIT SIZE & TYPE.
 - BACKFILL TO BE PLACED IN LIFTS NOT TO EXCEED 6".
 - INSTALL UTILITY PULL BOXES PER NEC.
 - SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY CO. REQUIREMENTS.
 - REFER TO PROFILE VIEWS FOR MIN. DEPTH REQUIRED.

RRU POWER DETAIL

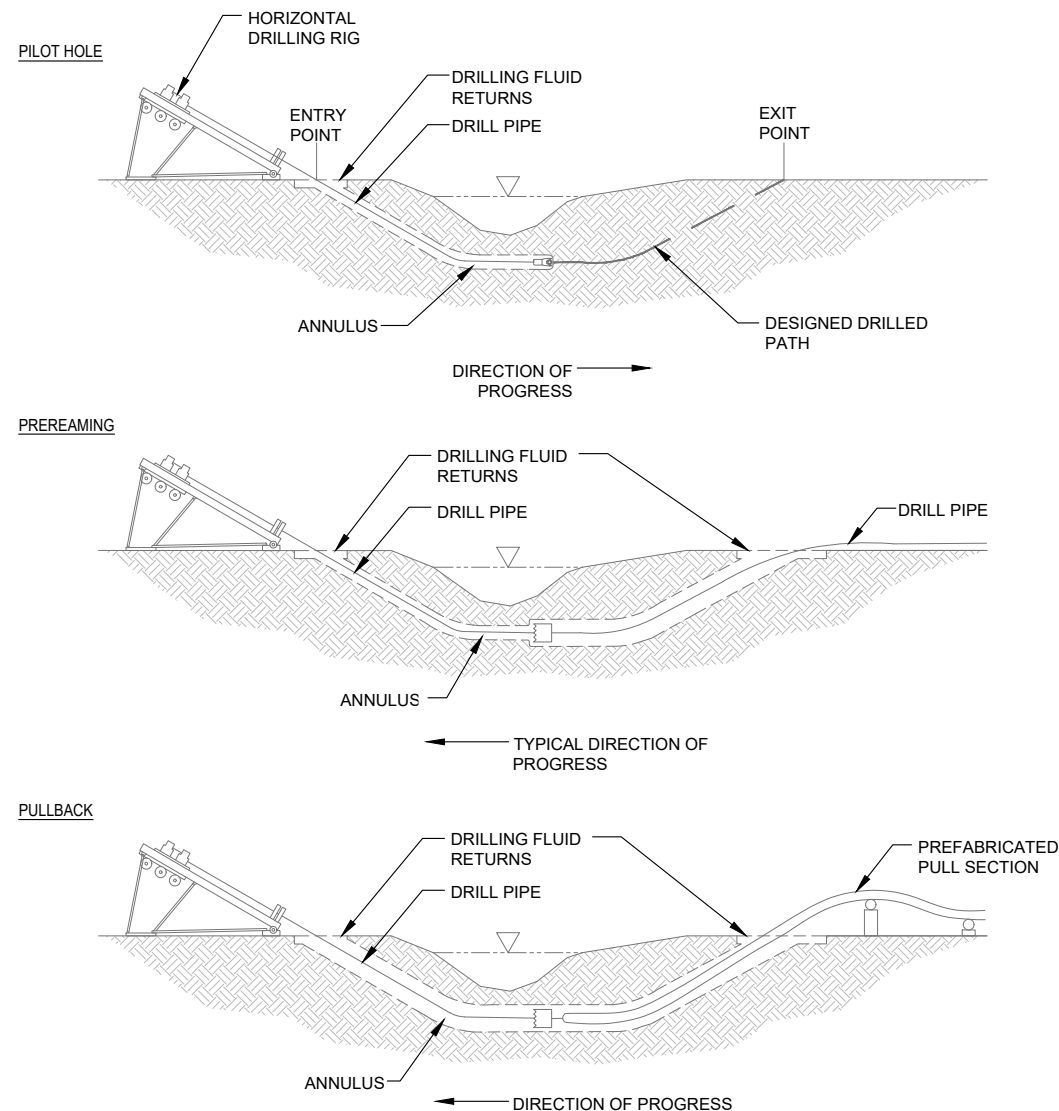
SCALE 4
N.T.S.

TRENCHING CONDUIT DETAIL

SCALE 5
N.T.S.

DIRECTIONAL BORE DETAIL

SCALE 6
N.T.S.



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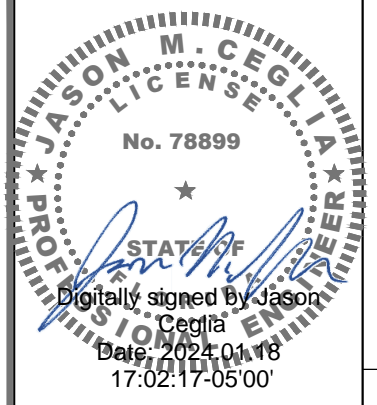
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Project: **FL6428BA**
PROJECT NO: 48862207
NODE SCU: 467207
R.O.W. OF RUE NOTRE DAME
NEAR ADDRESS:
7060 RUE NOTRE DAME
MIAMI BEACH, FL 33141

Drawing Title:
ELECTRICAL DETAILS

Project No.: 240003200	Date: 12/22/23
Designer: SB	Checked By: RL
Drawn By: SD	Client Approval
PM Review: RL	
Issue No.: 0	Drawing No.: E-1

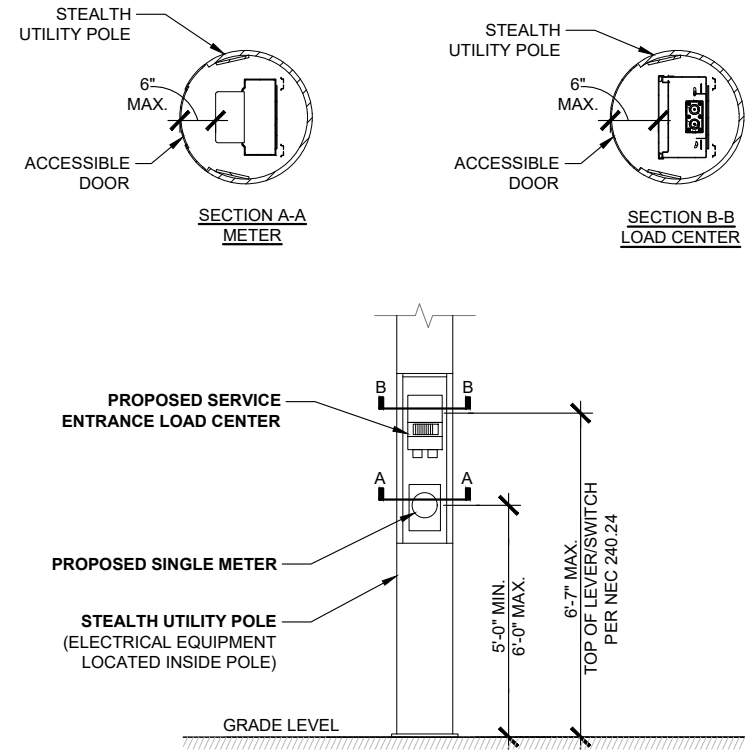
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PROPOSED PANEL "PP1"
100A, 120/240V-1Ø-3W, 100A M.C.B.

BUS	A	B	AMPS	COND	GND	WIRE	LOAD	BUS VA	
								A	B
1			15	*	#14	#14	PROPOSED RRU/PSU	940	
2			15	*	#14	#14	PROPOSED RRU/PSU		308
3			15	-	-	-	SPARE (FUTURE)		
4			15	-	-	-	SPARE (FUTURE)		
5			15	-	-	-	SPARE (FUTURE)		
6			15	-	-	-	SPARE		
7			15	-	-	-	SPARE		
8			15	-	-	-	SPARE		
9			15	-	-	-	SPARE		
10			15	-	-	-	SPARE		
11			15	-	-	-	SPARE		
12			15	-	-	-	SPARE		
13			15	-	-	-	SPARE		
14			15	-	-	-	SPARE		
15			15	-	-	-	SPARE		
16			15	*	-	-	SPARE		

TOTAL VA: BUS A 940 BUS B 308 CONNECTED VA: 1248
 AMPERES: BUS A 8 BUS B 3 TOTAL 5
 RATED VOLTAGE: 120/208 120/240 277/480 1 PHASE, 3 WIRE
 RATED AMPS: 100A 200 400
 BRANCH POLES: 8 16 20 24 30 36 42
 CABINET: SURFACE FLUSH KEYED DOOR LATCH ENCLOSURE TYPE: NEMA-3R
 FULL NEUTRAL BUS GROUND BUS HINGED DOOR
 BRANCH DEVICES: FUSED CIRCUIT BREAKER
 MAIN LUG ONLY MAIN: 100A BREAKER FUSED SWITCH
 SERVICE ENTRANCE RATED LOAD CENTER SHALL BE SERIES AIC RATED UNLESS OTHERWISE NOTED BY MANUF.

- NOTES:**
- LOADS ON PANEL ASSUMES A 1.0 POWER FACTOR
 - *= REFER TO POLE MANUFACTURER ELEVATION DETAIL FOR THE RACEWAY/CONDUIT METHOD FOR BRANCH CIRCUITS TO RADIOS AND STREET LIGHT.
 - ALL OTHER CIRCUIT BREAKERS TO BE PROVIDED BY CONTRACTOR.
 - NEW STREET LIGHTS ON POLE SHALL BE POWERED FROM EXISTING CITY STREET LIGHTING CIRCUIT.
 - SERVICE MAIN SHALL BE AT 10,000 AIC MIN. AND BRANCH BREAKERS AT 10,000 AIC MIN.**



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JASON M. CEGLIA
LICENSED PROFESSIONAL ENGINEER
No. 78899
STATE OF FLORIDA
Digitally signed by Jason Ceglia
Date: 2024.01.18
17:02:31-05'00'

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 R.O.W. OF RUE NOTRE DAME
 NEAR ADDRESS:
 7060 RUE NOTRE DAME
 MIAMI BEACH, FL 33141

Drawing Title:
**PANEL SCHEDULE,
 SINGLE LINE
 DIAGRAM & DETAIL**

Project No.: 240003200	
Designer: SB	Date: 12/22/23
Drawn By: SD	Checked By: RL
PM Review: RL	Client Approval
Issue No.: 0	Drawing No.: E-2

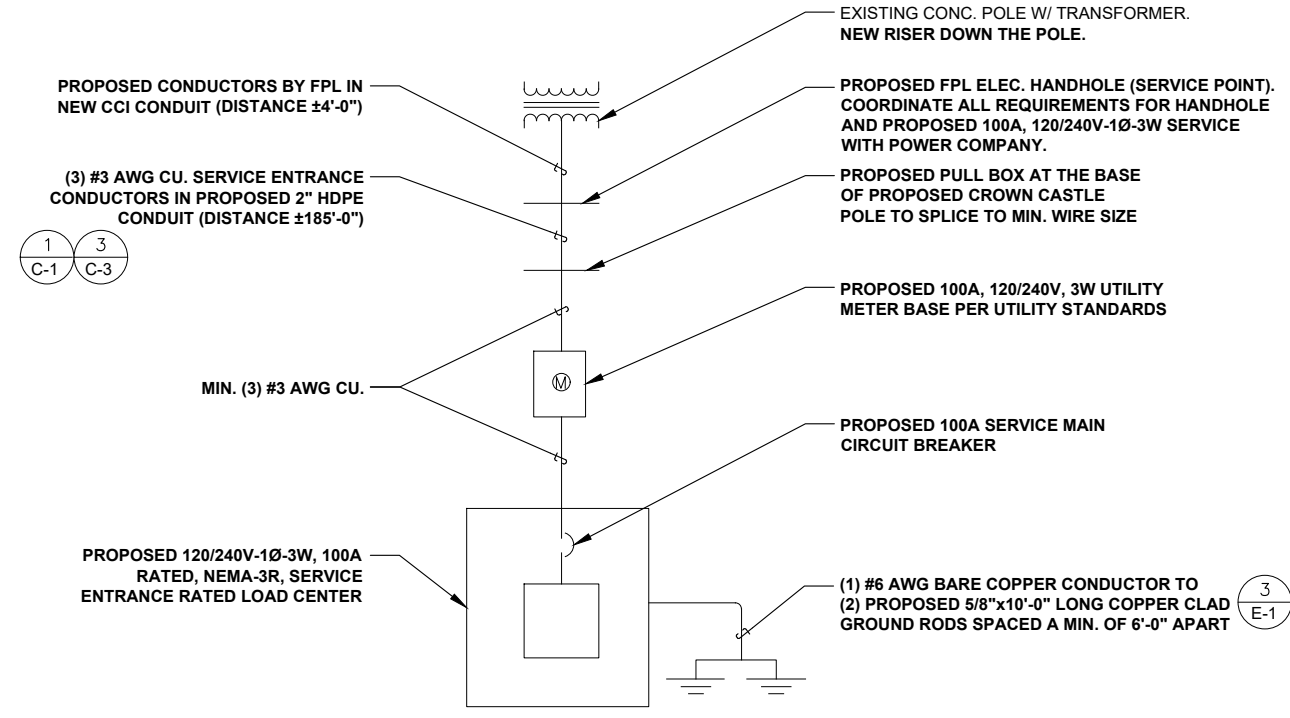
PANEL SCHEDULE

ELECTRICAL EQUIPMENT MOUNTING HEIGHTS

**SERVICE ENTRANCE CONDUCTOR AND CONDUIT TABLE
 FOR A 100A, 120/240V-1Ø-3W SERVICE
 BASED ON A MAX. OF 4% VOLTAGE DROP
 USING 1-PHASE VOLTAGE DROP FORMULA IN NEC 215.2**

DISTANCE (FEET)	MIN. CONDUCTORS	MIN. CONDUIT
0-195	(3) #3 AWG CU.	2" HDPE
196-245	(3) #2 AWG CU.	2" HDPE
246-310	(3) #1 AWG CU.	2" HDPE
311-390	(3) #1/0 AWG CU.	2" HDPE
391-480	(3) #2/0 AWG CU.	2" HDPE
481-620	(3) #3/0 AWG CU.	2" HDPE
621-785	(3) #4/0 AWG CU.	2" HDPE
786-925	(3) 250 MCM CU.	3" HDPE

TERMINATION NOTE:
 ALL CONDUCTORS, LUGS AND TERMINATIONS SHALL BE TEMPERATURE RATED FOR MIN. 75° CELSIUS.



SINGLE-LINE DIAGRAM

SCALE N.T.S. 3

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GENERAL PROVISIONS CONT'D

ACCESS

- 1. USE MOST DIRECT ROUTE FROM PUBLIC STREET AS AGREED TO BY OWNER.
2. COORDINATE WITH SITE OWNER CONSTRUCTION SCHEDULE & SITE ACCESS. ENSURE THAT THE OWNER OF PARENT PARCEL IS NOTIFIED IN WRITING OF CONSTRUCTION ACTIVITIES.
3. THE CONTRACTOR SHALL COORDINATE ALL SPECIAL CONSIDERATIONS OF CONSTRUCTION SUCH AS NOISY OPERATION, INTERRUPTION OF ANY MECHANICAL AND/OR ELECTRICAL SERVICES, MATERIAL DELIVERIES AND STORAGE, STAGING AREA, CRANE LIFTS WITH THE OWNER PRIOR TO THE START OF THE WORK.
4. CONTRACTOR SHALL COORDINATE WITH AN OWNER REPRESENTATIVE, THE TEMPORARY REMOVAL OF FENCE, LANDSCAPING & ANY EXPECTED DAMAGE TO ACCESS ROAD OR ADJACENT REPAIR OF PROPERTY PRIOR TO COMMENCING THE WORK.
5. THE CONTRACTOR SHALL COORDINATE WORK HOURS & STAGING AREAS WITH OWNER.
6. CONTRACTOR TO NOTIFY PROPERTY OWNER OF CONSTRUCTION START DATE WELL IN ADVANCE OF CONSTRUCTION.

SITE MAINTENANCE

- 1. REMOVE STAINING OR REACTIVE MATERIALS FROM NEW AND EXISTING SURFACES IMMEDIATELY. REMOVE HAZARDOUS ACCUMULATIONS OF DEBRIS PROMPTLY, AT LEAST DAILY. CONFINED DUST PRODUCING OPERATIONS DURING CUTTING, DRILLING, PAINTING AND FINISHING. THERE SHOULD BE NO OVER SPRAYING PAINT IN PARKING AREA VACUUM IMMEDIATELY AFTER COMPLETION.
2. THERE SHALL NOT BE ANY CREATION OF NOISE OUTSIDE THE NORMAL HOURS OF 7 AM TO 6 PM, UNLESS OTHERWISE AGREED UPON WITH THE OWNER. NOISE SHOULD BE KEPT TO A MINIMUM THROUGHOUT CONSTRUCTION.
3. NOISE AND EXISTING BUILDING STRUCTURE VIBRATION GENERATED BY CONSTRUCTION PROCEDURES, EQUIPMENT, TOOL AND OPERATIONS ARE TO BE KEPT TO A PRACTICABLE MINIMUM. WHERE USE OF HIGH NOISE LEVEL EQUIPMENT IS UNAVOIDABLE, AND CAN BE HEARD, CONFINED TO HOURS BEFORE 7 AM, AND AFTER 6 P.M. MONDAY THROUGH FRIDAY OR AS AGREED TO BY BUILDING OWNER.
4. THE CONTRACTOR IS TO PROVIDE PORTABLE FIRE EXTINGUISHERS WITH A RATING OF NOT LESS THAN 2-A OR 2-ABC WITHIN 75FT OF TRAVEL TO ALL PORTIONS OF THE CONSTRUCTION AREA.
5. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A NEAT AND ORDERLY SITE, YARD AND GROUNDS, REMOVE AND DISPOSE LEGALLY OFF SITE ALL RUBBISH, WASTE MATERIALS, UTTER, AND ALL FOREIGN SUBSTANCES. REMOVE PETROCHEMICAL SPILLS, STAINS AND OTHER FOREIGN DEPOSITS. RAKE GROUNDS TO A SMOOTH EVEN-TEXTURED SURFACE.
6. THE SITE SECURITY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION IN ORDER TO PREVENT UNAUTHORIZED PERSONS FROM ENTERING THE PREMISES. EXISTING AND NEW EQUIPMENT AND MATERIALS REMAIN THE CONTRACTOR'S RESPONSIBILITY AT ALL TIME DURING CONSTRUCTION.
7. THE TENANT'S INGRESS AND EGRESS OF THE SITE SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
8. THE CONTRACTOR SHALL TAKE ALL MEASURE NECESSARY TO MAINTAIN POLLUTION CONTROL COMPLY WITH ALL GOVERNING REGULATION PERTAINING TO ENVIRONMENTAL PROTECTION, AND PROMPTLY REMOVE ALL DEBRIS AND ACCUMULATION OF MATERIALS RESULTING FROM THE WORK.

TEMPORARY FACILITIES

- 1. THE CONTRACTOR SHALL CONSIDER THAT WATER, POWER AND LIGHT ARE NOT AVAILABLE AT THIS SITE WHEN PERMANENT POWER IS ESTABLISHED, ALL CONTRACTORS MAY USE THE SERVICE CONNECTION FOR PRODUCTION WORK ONLY, PROVIDED THAT ELECTRICAL CODES AND CONNECTIONS ARE FURNISHED BY THE CONTRACTORS AND ARE DISCONNECTED AND PROPERLY STORED DURING NON-WORKING HOURS.
2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE TEMPORARY POWER, WATER AND TOILET FACILITIES AS REQUIRED BY THE PROPERTY OWNER OR GOVERNING AGENCY.

SITE WORK

CLEARING AND GRUBBING

- 1. CLEARING OF TREES AND VEGETATION ON THE SITE SHOULD BE HELD TO A MINIMUM. ONLY THE TREES NECESSARY FOR THE CONSTRUCTION OF THE FACILITY SHALL BE REMOVED. ANY DAMAGES TO PROPERTY OUTSIDE THE CONSTRUCTION LIMIT SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
2. THE CONTRACTOR SHALL PROTECT EXISTING TREES, VEGETATION, LANDSCAPING MATERIALS AND SITE IMPROVEMENTS NOT SCHEDULED FOR CLEARING OR REMOVAL WHICH MIGHT BE DAMAGED BY CONSTRUCTION ACTIVITIES.
3. REMOVE AND LEGALLY DISPOSE OF CLEARED MATERIALS.

EXCAVATION AND BACKFILL

- 1. ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATION APPROVED BY GOVERNING AGENCIES PRIOR TO DISPOSAL.
2. ALL SITE FILL SHALL MEET SELECTED FILL STANDARDS AS DEFINED BY THE OWNER'S REPRESENTATIVE ON THE DRAWINGS OR GEO-TECHNICAL REPORT RECOMMENDATIONS.
3. THIS PROJECT INCLUDES:
- EXCAVATION, TRENCHING, FILLING, COMPACTING AND GRADING FOR STRUCTURES, SITE IMPROVEMENTS, ACCESS ROAD AND UTILITIES.
- ALL MATERIALS FOR SUB-BASE, DRAINAGE FILL, BACK FILL AND GRAVEL FOR SLABS, PAVEMENT AND IMPROVEMENTS.
4. FILL LAYERS THAT REQUIRE COMPACTION SHALL HAVE A MAXIMUM THICKNESS OF 6 INCHES.
5. THE COMPACTING UNDER STRUCTURES, BUILDING SLABS, STEPS, PAVEMENT AND WALKWAYS SHALL BE 95% MAXIMUM DENSITY, ASTM D-1557, TESTED IN EACH OF THE COMPACTING LAYERS AT EACH COMPACTING SITE, OR AT LEAST IN EACH 100CU. PER YARDS OF MATERIAL VOLUME.
6. THE COMPACTING UNDER SOD OR UNPAVED AREAS SHALL BE 85% MAXIMUM DENSITY, ASTM D1557.
7. AREAS THAT DO NOT MEET ASTM D-1557 REQUIREMENTS MUST BE RECOMPACTED AT THE CONTRACTOR'S EXPENSES.
8. ALL TRENCH EXCAVATIONS AND ANY REQUIRED SHORING SHALL BE DONE IN ACCORDANCE WITH OSHA REGULATIONS FOR CONSTRUCTION.
9. THE USE OF EXPLOSIVE IS PROHIBITED ON SITE.
10. ALL EXCAVATION ON WHICH CONCRETE IS TO BE PLACED SHALL BE SUBSTANTIAL HORIZONTAL, UNDISTURBED AND BE FREE FROM LOOSE MATERIAL AND EXCESS GROUND WATER. DEWATERING FOR EXCESS GROUND WATER SHALL BE PROVIDED IF REQUIRED.
11. ANY EXCAVATION OVER THE REQUIRED DEPTH SHALL BE FILLED WITH OTHER MECHANICALLY COMPACTED GRANULAR MATERIAL OR CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATION. CRUSHED STONE MAY BE USED TO STABILIZE THE BOTTOM OF THE EXCAVATION. STONE, IF USED, SHALL NOT BE USED AS COMPILING CONCRETE THICKNESS.
12. BACK FILL SHALL USE APPROVED MATERIALS CONSISTING OF LOAM, SANDY CLAY, SAND, GRAVEL OR SOFT SHALE AND SHALL BE FREE FROM CLOUDS OR STONES OVER 2 1/2".
13. AFTER COMPLETION OF THE FOUNDATION AND OTHER CONSTRUCTION BELOW GRADE AND BEFORE BACK FILLING, ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIALS SUCH AS VEGETATION, DEBRIS, TRASH AND ANY FOREIGN MATERIAL.

DRAINAGE

- 1. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE AWAY FROM BUILDING OR EQUIPMENT ON THE SITE AT ALL TIMES. SILT AND EROSION CONTROL SHALL BE MAINTAINED ON THE DOWNSTREAM SIDE OF THE SITE AT ALL TIMES. ANY DAMAGE TO ADJACENT PROPERTIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK.
3. ANY DRAINFIELD TILE OR DRAINAGE STRUCTURE ENCOUNTERED DURING CONSTRUCTION SHALL BE RETURNED TO ITS ORIGINAL OR BETTER CONDITIONS AFTER CONSTRUCTION AND BE NOTED ON THE RECORD DOCUMENTS.

GRADING

- 1. ALL GROUNDING, UTILITIES AND UNDERGROUND EQUIPMENT EXPOSED BY GRADING SHALL BE REPLACED AND PROPERLY CONNECTED TO THE EXISTING PORTION OF THE ORIGINAL SYSTEM PER APPROVED CODES AND JURISDICTION REQUIREMENTS.
2. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING AND RE-GRADING ROADWAY AND/OR FIELD FOLLOWING THE INSTALLATION OF UTILITIES.
3. PROTECT EXISTING GRAVEL SURFACING AND SUB-GRADE IN AREAS WHERE EQUIPMENT LOADS WILL OPERATE. USE PLANKING OR OTHER SUITABLE MATERIALS DESIGNED TO SPREAD EQUIPMENT LOADS. REPAIR DAMAGE TO EXISTING GRAVEL SURFACING OR SUB-GRADE WHERE SUCH DAMAGE IS DUE TO THE CONTRACTOR OPERATIONS. DAMAGED GRAVEL SURFACING SHALL BE RESTORED TO MATCH THE ADJACENT UNDAMAGED GRAVEL SURFACING AND SHALL BE THE SAME THICKNESS.

DEMOLITION & EXISTING STRUCTURAL ALTERATION

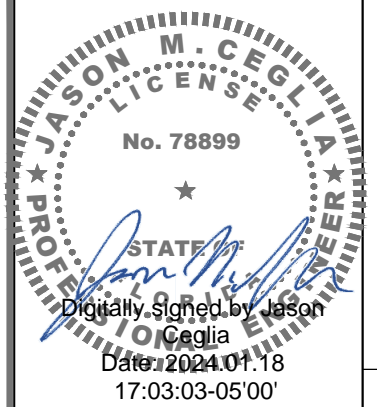
DEMOLITION

- 1. GENERAL CONTRACTOR IS TO DEMOLISH AND REMOVE FROM SITE (AND DISPOSE OF APPROPRIATELY) ALL ITEMS NOTED FOR DEMOLITION IN THE ARCHITECTURAL, CIVIL, ELECTRICAL AND/OR STRUCTURAL DRAWINGS, INCLUDING BELOW GRADE FOUNDATION AND STRUCTURES. CONTRACTOR SHALL COORDINATE WITH THE OWNER REPRESENTATIVE THE DISPOSAL OF EQUIPMENT & MATERIALS.
2. GENERAL CONTRACTOR IS TO EXERCISE UTMOST CARE DURING DEMOLITION AND PROMPTLY INFORM THE ENGINEER OF ANY DEVIATION TO THE EXISTING STRUCTURE FROM WHAT IS SHOWN IN THESE PLANS PRIOR TO PROCEEDING WITH THE WORK.
3. GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SHORING, BRACING, PROVIDING LATERAL SUPPORT, AND FOR MAINTAINING THE INTEGRITY OF THE EXISTING STRUCTURE DURING ALL PHASES OF THE DEMOLITION AND CONSTRUCTION AND SHALL PROVIDE, IF REQUIRED, SIGNED & SEALED SHOP DRAWINGS, BY A REGISTERED PROFESSIONAL ENGINEER, FOR THE SHORING OF ALL WALLS, BEAMS, SLABS, ROOF JOISTS, OR OTHER ELEVATED STRUCTURAL ITEMS, THAT ARE HAVING THE SUPPORT BELOW NOTED FOR DEMOLITION.
4. ANY DAMAGE DUE TO DEMOLITION, OR OTHER CONSTRUCTION ACTIVITIES, DONE TO ANY EXISTING SURFACE TO REMAIN SHALL BE REPAIRED TO MATCH EXISTING AT NO ADDITIONAL COST TO THE OWNER.

CUTTING & PATCHING

- 1. WHERE CUTTING OF EXISTING SURFACES OR REMOVAL OF EXISTING FINISHES IS REQUIRED TO PERFORM THE WORK UNDER THIS CONTRACT AND A NEW FINISH IS NOT INDICATED, FILL RESULTING OPENINGS AND PATCH THE SURFACE AFTER DOING THE WORK AND FINISH TO MATCH ADJACENT EXISTING SURFACES.
2. REPAIR, PATCH, FINISH AND/OR REFINISH AS APPLICABLE TO MATCH ADJACENT EXISTING FINISHES THOSE EXISTING SURFACES DAMAGED OR NEW PROPOSED SURFACES DURING PERFORMANCE OF THE WORK UNDER THIS CONTRACT.

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHOWN SHALL BE IMPLEMENTED WITHOUT PRIOR WRITTEN APPROVAL. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD CORPORATION. NEITHER MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.



ELECTRONIC SIGNATURE NOTE: JASON M. CEGLIA, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 78899. THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY JASON M. CEGLIA, PE, USING A SHA-1 AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA-1 AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Table with 3 columns: No., Date, Action. Row 0: 01/18/24, ISSUED FOR PERMIT. Row A: 12/28/23, ISSUED FOR CLIENT REVIEW.



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Project: FL6428BA. PROJECT NO: 48862207. NODE SCU: 467207. R.O.W. OF RUE NOTRE DAME. NEAR ADDRESS: 7060 RUE NOTRE DAME MIAMI BEACH, FL 33141

Drawing Title: SPECIFICATIONS

Table with 2 columns: Field, Value. Project No.: 240003200. Designer: SB, Date: 12/22/23. Drawn By: SD, Checked By: RL. PM Review: RL, Client Approval. Issue No.: 0, Drawing No.: SP-2.

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SCALE IS BASE ON 22" X 34" 1/4" SIZE

